# OSHKOSH

CATALOGUE No. 30

Section A

Lumber & Hardware Specialties
Logging, Railroad & Contractors'
Tools & Devices

Oshkosh Mfg. Company
Oshkosh, Wis.

Catalogue Number Thirty

1913

# Oshkosh Mfg. Company

Successors to

Oshkosh Logging Tool Company  A. Sanford Logging Tool Company

Oshkosh, Wisconsin

TRADE MARK OSHKOSH

This Catalogue shows

Lumbermen's Specialties  Railroad Appliances
Contractors Supplies  Logging Tools
and Wood Parts

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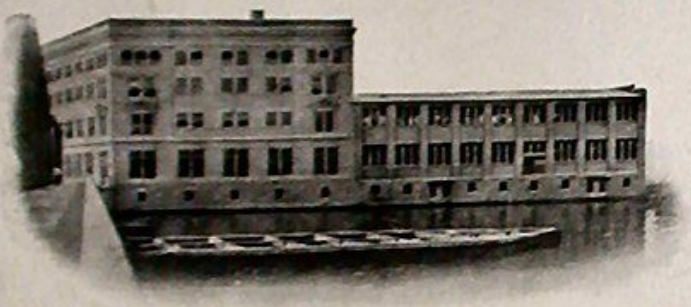
If you are interested in Railroad, Telephone or Telegraph Construction Tools, Contractors Machinery or Wood Tent Goods, write for separate catalogues.



Where OSHKOSH TRADE MARK Tools are made

OshKosh

Long Distance
244

Cable Address
"Cant Hook"

# Foreword

We take pleasure in presenting to the trade our latest catalogue of Lumbermen's Specialties and Tools, Railroad Appliances and Contractor's Supplies. (*This catalogue supersedes all former issues.*)

**How to Order** Always give our catalogue numbers and the name in full of each article ordered, also state whether shipment should be made by express or freight and if a particular route is preferred, same should be specified, otherwise we will use our own discretion in making shipment.

**Liability** We always obtain receipt from Railway Co. showing shipment delivered to them in good condition. We cannot be held responsible for any loss or damage while in transit, but will gladly give our Customers every assistance in an effort to adjust all claims. If shipment is received "short" or in damaged condition have agent note this on Expense Bill before you accept shipment.

**Returning Goods** If necessary to return goods for any cause whatever, first write us for shipping instructions as we will not accept goods returned to us without our permission.

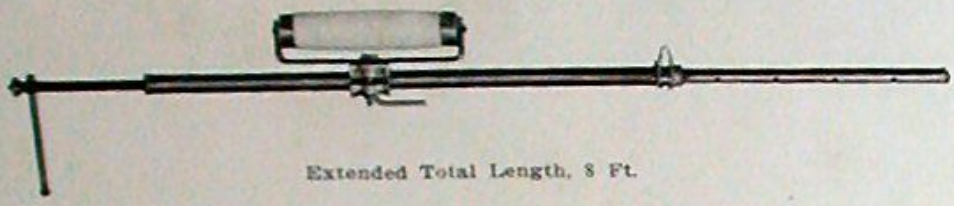
**Terms and Prices** Terms are F. O. B. Oshkosh unless otherwise specified. All quotations are for immediate acceptance as prices are subject to change without notice. Accounts overdue are subject to sight draft.

**Remittances** Remit by bank draft, money order or by registered letter.

**Financial Standing** Purchasers, whose financial standing has not been established with us, should furnish satisfactory references, remit cash with order or permit goods to be shipped with sight draft attached to bill of lading. In the latter case and in C. O. D. express shipments, sufficient funds should accompany the order to cover all transportation charges.

## Oshkosh Manufacturing Company

## OSHKOSH DOUBLE EXTENSION LUMBER ROLLER



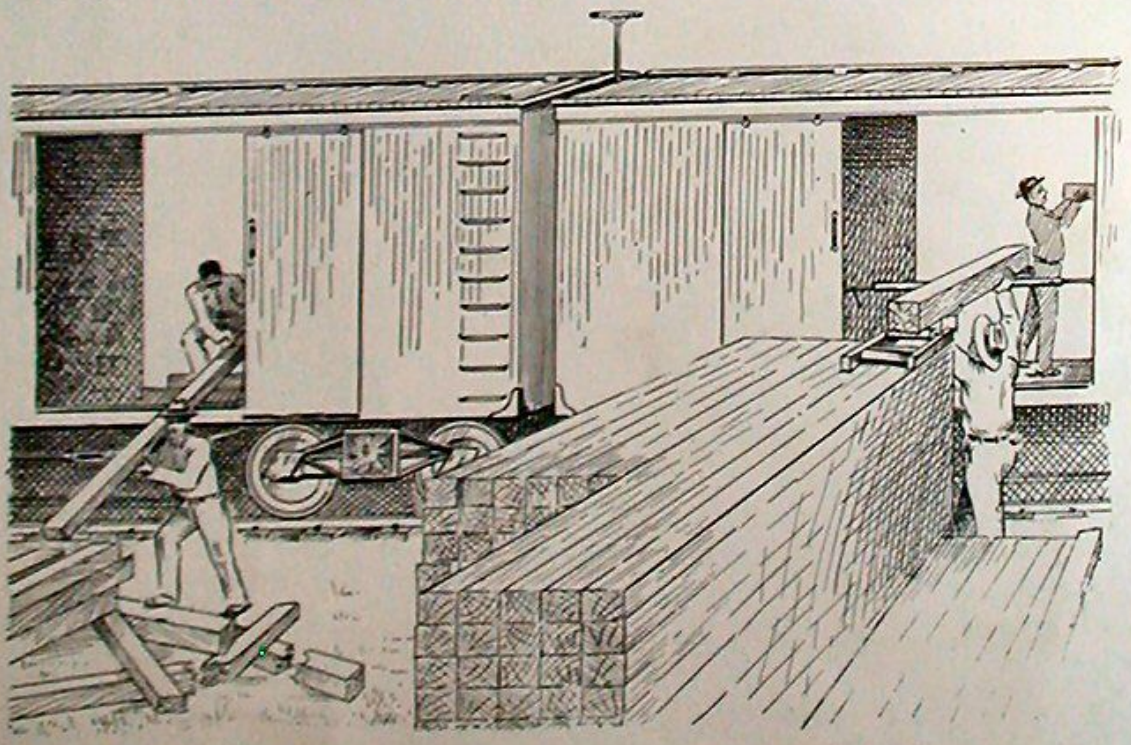
Extended Total Length, 8 Ft.

Contracted Length, 4½ Ft.

It can be instantly attached to any door from 5 to 8 feet wide or the end of a gondola. Being made of a very high quality steel tubing it will not sag under any reasonable load even when fully extended. The screw and roller are the same as in the Wood Beam Roller. The main beam is 4½ feet long. The screw has a square thread, which is very strong and will hold securely.

Besides the saving in broken lumber, the time saved will alone pay for this roller in a short time.

No. 1. With 18 in. wood roller, weight 42 lbs., list each.....$15.00
No. 2. With 16 in. iron roller, weight 45 lbs., list each..... 16.00

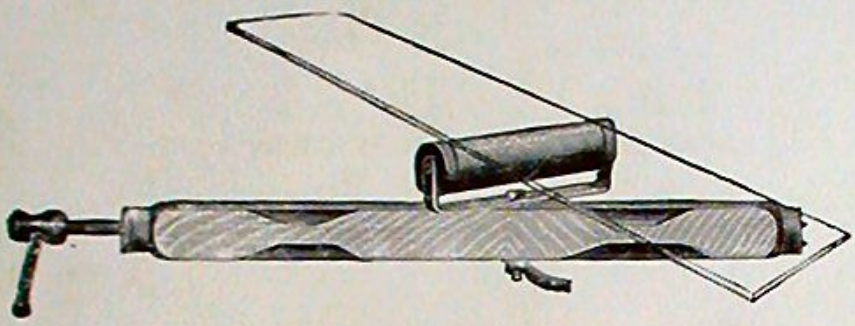


THE OLD WAY OUR WAY

ORDER BY NUMBER

## CAR DOOR LUMBER ROLLERS

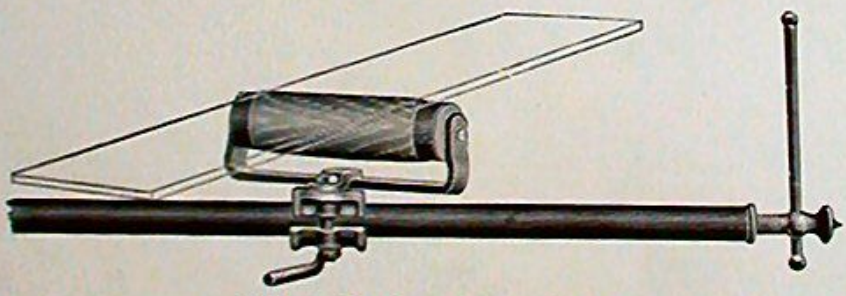
A device which will often pay for itself in a single shipment of lumber is certainly a paying investment. It will reduce the cost of loading and unloading your lumber. Try out our lumber rollers in comparison with the old style home made affairs and you will be surprised at the result. The roller is easily adjusted to any position so that lumber can be handled at any angle desired.



### Adjustable Wood Beam Roller

The screw can be extended 16 inches. It has a coarse square thread which is very strong and requires few turns to fasten. The roller is 18 inches long.

No. 3. With 4½ ft. wood beam, weight 40 lbs., each.....$ 9.00
No. 4. With 5 ft. wood beam, weight 42 lbs., each..... 9.60



### Adjustable Iron Beam Roller

The beam is made of heavy iron pipe 2 inch diameter. The roller is adjustable to any part of the iron beam. The roller and screw are the same as in the Wood Beam Roller.

No. 5. With 4½ ft. iron beam, weight 36 lbs., each.....$10.00
No. 6. With 5 ft. iron beam, weight 38 lbs., each..... 10.80

### End Roller

This roller can be used on the sides of a gondola or in the end door of a box car. Length 14 inches.

No. 7. End roller, weight 12 lbs., each.....$ 5.00

**Reducing Expenses**—That is what our devices are made for and they will do it, by saving time and labor, hence economy in handling lumber and other materials.

## TIMBER DOLLIES

### Regular

Equipped with heavy cast iron roller 10½ inches long, 6 inches in diameter, and steel axle. The frame is 17x19 inches and made of 2½ inch square hardwood timber. Weight 50 lbs.

No. 8. Regular Timber Dolly, each.....$ 7.50

### Extra Heavy

The roller is 13½ inches long and 7 inches in diameter. The frame is made of 3 inch square hardwood timber and is 20x24 inches in size. Weight 75 lbs.

No. 9. Extra heavy Timber Dolly, each.....$10.00

### Concave Dolly

For railroads, contractors, builders, etc. A very handy device for handling rails, iron, pipe, etc. Can be used both as a dolly and truck.

Heavy cast iron concave roller, 12½ inches long, 7 inches in diameter; steel axle; 20x24 inch frame made of 3 inch square hardwood timber. Weight 60 lbs.

No. 10. Concave Dolly, each.....$10.00

## COMBINED HORSESHOE DOLLY AND TIMBER ROLLER

A light but strong device for handling timber—will save its cost many times over.

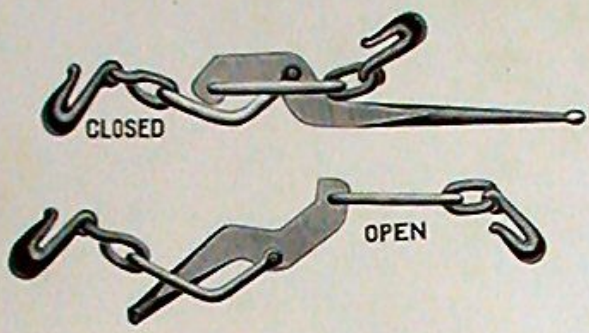
The steel frame is 12 inches square and made of 1½x¼ inch iron. The roller is 14 inches long by 3½ inches in diameter.

No. 11. Horseshoe Dolly, weight 16 lbs., each .....$ 5.00

Take advantage of every opportunity to decrease your expenses and increase your business and profit. You can do both with Oshkosh Time Savers.

## OSHKOSH PATENT LOAD BINDER

**Binds a Load of Lumber, Logs, Hay, Pipe or other large loads SECURELY in Three Seconds and Unbinds in One. It Never Jams or Gets Loosened When in Use.**




This binder is hand forged from special steel. It has a spread of 22½ inches when open and contracts to 17½ inches, taking up a slack of 5½ inches. Made in two sizes. The regular binder used for binding lumber and other average loads weighs only 8 lbs. The extra heavy binder for binding heavy loads of logs weighs 11 lbs.

Give them a trial. The saving in time and trouble will more than pay for their cost within a few days and they should last a life time.

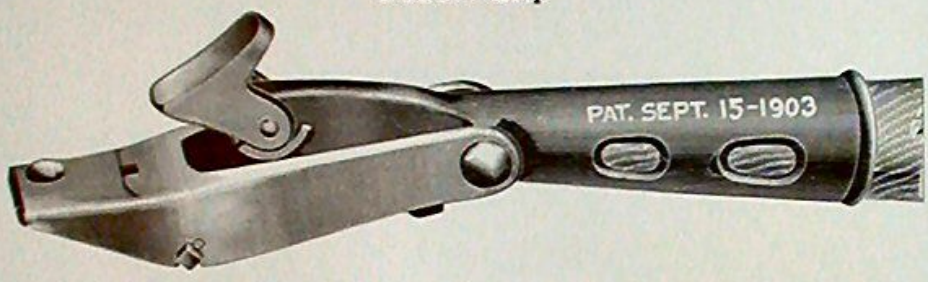
No. 12. Regular, per dozen, list price.....$37.10
No. 13. Extra heavy, per dozen, list price..... 40.00

ORDER BY NUMBER

## CAR MOVERS

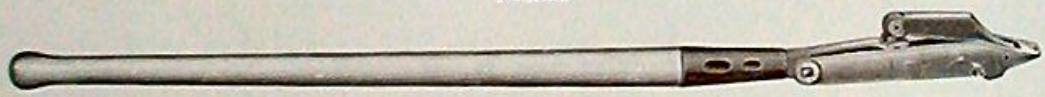
With a "Double Grip" or "Atlas" mover, one man can easily move the heaviest loaded car. Better than a switch engine, because always at your command. They do the work without a slip, because they get a double grip with two square spurs which grip the outer edge of the rail where it is soft and not on top where it has become case hardened from wear of the car wheels. These spurs can be turned three times, thus always having a sharp edge to grip the track.

### Double Grip




| | | |
|---|---|---|
| No. 14. | Double Grip, weight 15 lbs., each | $ 5.00 |
| No. 15. | Extra handles for Double Grip | .75 |
| No. 16. | Extra spurs for Double Grip, per set of two | .25 |
| No. 17. | Extra shoes for Double Grip, with spurs and bolt | 1.50 |

### Atlas



With Rail Guides

| | | |
|---|---|---|
| No. 18. | Atlas, weight 18 lbs., each | $ 5.00 |
| No. 19. | Extra handles for Atlas | .75 |
| No. 20. | Extra spurs for Atlas, per set of two (of Self-hardening Tool Steel) | .30 |
| No. 21. | Extra shoes for Atlas, with spurs and bolt | 1.50 |

## OSHKOSH WHITE CEDAR ENGINE PUSH POLES

**Fully 40 lbs. lighter in weight and about 30 per cent cheaper in price** but more satisfactory results economically from the use of these push poles as compared to hickory, oak or fir.

They are made from young, sound white cedar butt logs, with 1¾x¼ inch iron bands on each end.

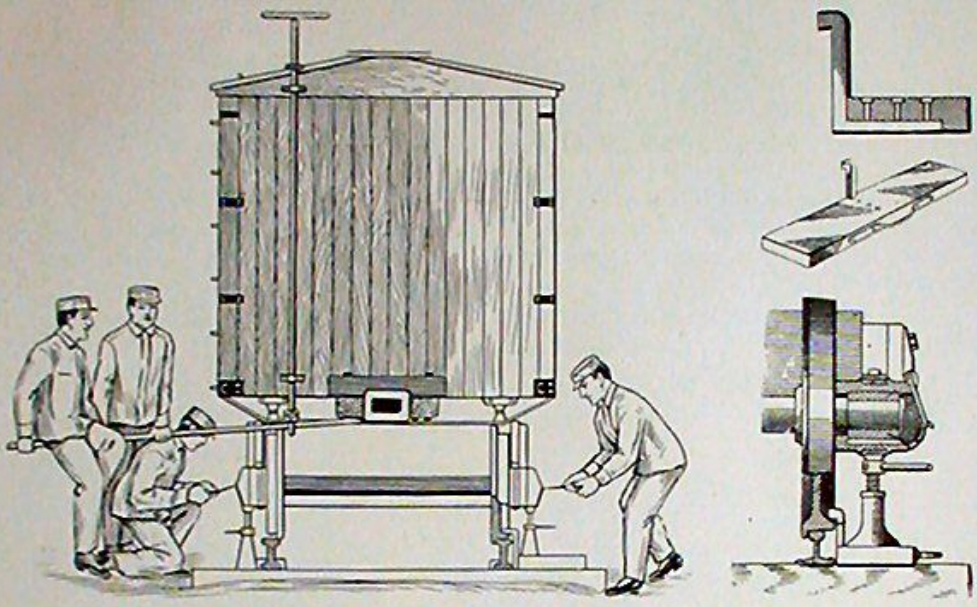
No. 22. 9 ft., turned 5¼ in. at center, 4 in. ends, weight 30 lbs.....

No. 23. 10 ft., turned 5¾ in. at center, 4½ in. ends, weight 37 lbs.....

Other sizes furnished. Can also furnish Washington Fir, Rock Elm or Hard Maple Push Poles.

ORDER BY NUMBER

## McMICKEN PATENTED CAR WHEEL HOLDER



**THE OLD WAY**
**Requires Three Men**
**Twice as Long**

**THE NEW WAY**
**Requires One Man**
**For Same Work**

This device will positively provide **easy** access to the journal bearings by holding any car wheel down to the track when jacking up the trucks.

It is made with a steel hook bolted to a hard maple block. The block will reach across two ties and makes a solid foundation for the jack. Therefore, it is not necessary to stop right over a cross tie.

It will save its cost in repairing one hot box.

No. 24. Weight 18 lbs., each.....$ 3.00

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GREAT NORTHERN RAILWAY COMPANY.

Grand Forks, N. D., March 4, 1909.

Oshkosh Manufacturing Co.,
Oshkosh, Wis.

Gentlemen: Referring to yours of February 6th in regard to the McMicken car wheel holders, I beg to say that we have been using these wheel holders for some time and our trainmen are very well satisfied with them. They seem to accomplish what was intended.

Yours very truly,
(Signed) M. NICHOLSON, Supt.

**They have one thousand in use.**

ORDER BY NUMBER

## QUARTERSAWED ROCK MAPLE ROLLERS

**For All Purposes.**

There are no hearts in these rollers to weaken them—only the best and toughest part of sound, prime logs being used. Turned from air-seasoned quartersawed rock maple squares, they will stand twice the strain of the common rollers and last many times longer.

All rollers are treated with boiled linseed oil and ends are painted before shipping.

**THE OLD WAY**
**See those checks from the heart**

**Cost More Than Some Others But Worth It**

**THE OSHKOSH WAY**
**No hearts in the rollers to check.**

| Size | | List Price Each | Size | | List Price Each |
|---|---|---|---|---|---|
| Diameter Inches | Length | | Diameter Inches | Length | |
| 3 | 3 ft. | $0.50 | 7 | 3 ft. | $2.90 |
| 3 | 4 ft. | .70 | 7 | 4 ft. | 3.90 |
| 4 | 3 ft. | .90 | 7 | 4 ft. 8 in. | 4.55 |
| 4 | 4 ft. | 1.20 | 7 | 5 ft. | 4.90 |
| 4 | 5 ft. | 1.50 | 7 | 6 ft. | 6.00 |
| 4 | 5 ft. 6 in. | 1.70 | 7 | 7 ft. | 7.10 |
| 5 | 3 ft. | 1.40 | 7½ | 4 ft. | 4.60 |
| 5 | 4 ft. | 1.90 | 7½ | 4 ft. 8 in. | 5.50 |
| 5 | 5 ft. | 2.40 | 7½ | 5 ft. | 5.90 |
| 5 | 6 ft. | 2.90 | 7½ | 6 ft. | 7.20 |
| 6 | 3 ft. | 2.10 | 8 | 4 ft. | 5.40 |
| 6 | 4 ft. | 2.80 | 8 | 4 ft. 8 in. | 6.40 |
| 6 | 4 ft. 8 in. | 3.30 | 8 | 5 ft. | 6.90 |
| 6 | 5 ft. | 3.55 | 8 | 6 ft. | 8.40 |
| 6 | 6 ft. | 4.25 | | | |

Intermediate sizes take next higher list price.

### Weights per Foot for Dry Rollers

3 inch Rollers 2¼ lbs.
4 inch Rollers 3¾ lbs.
5 inch Rollers 6½ lbs.
6 inch Rollers 10 lbs.
7 inch Rollers 13½ lbs.
7½ inch Rollers 16 lbs.
8 inch Rollers 18½ lbs.

The first cost of a good article is a little more but it is much cheaper in the end, because it will give longer and better service and greater satisfaction. You can obtain cheap rollers at a cheap price, but will it pay you in the long run?

IN ORDERING SPECIFY DIAMETER AND LENGTH OF ROLLERS

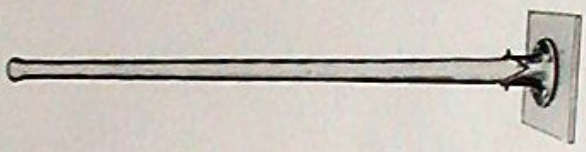
## MAULS FOR SEWER BUILDERS, ETC.

**Rock Maple Head, Iron Bound**

No. 25. 5x 8 inch with handle, weight 10 lbs., each.....$ 2.60
No. 26. 6x 8 inch with handle, weight 11 lbs., each..... 2.85
No. 27. 7x 9 inch with handle, weight 13 lbs., each..... 3.15
No. 28. 7x10 inch with handle, weight 14 lbs., each..... 3.30
No. 29. 8x10 inch with handle, weight 15 lbs., each..... 3.50

## CEMENT TAMPERS

Steel base, malleable iron socket equipped with 4 foot hardwood handle.



No. 30. 8x 8 inch base, weight 14 lbs., each .....$ 2.00
No. 31. 10x10 inch base, weight 18 lbs., each ..... 2.25
No. 32. 12x12 inch base, weight 27 lbs., each ..... 2.75

## CEMENT OR DIRT RAMMERS

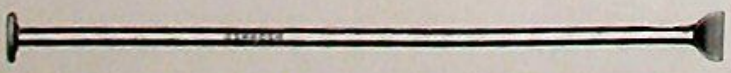
No. 33. Round cast iron head, 6 inch diameter, 4½ foot hardwood handle, weight 14 lbs. each.....$ 2.00
No. 34. Square cast iron head, 6 inch square, 4½ foot hardwood handle, weight 17 lbs., each..... 2.40

## CROW AND DIGGING BARS

Our bars are all made of hammered crucible cast steel and are very stiff and strong.

No. 35. 1 inch octagon, 7 feet long, weight 20 lbs., each.....$ 3.00
No. 36. 1⅛ inch octagon, 8 feet long, weight 30 lbs., each..... 4.25

## TAMPING AND DIGGING BARS



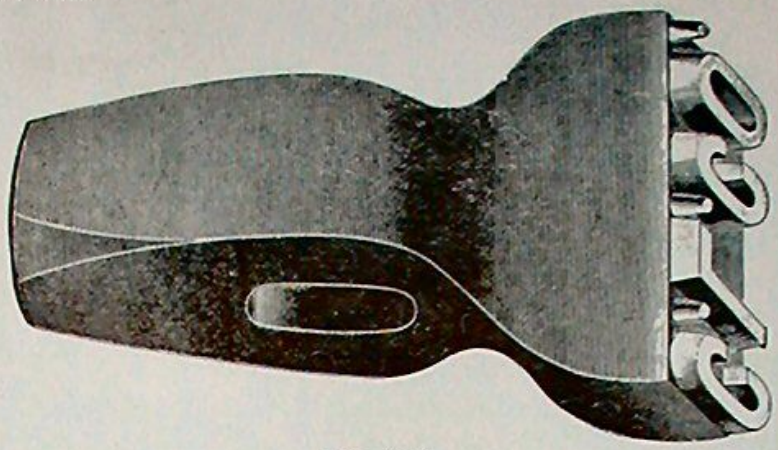
No. 37. 1 inch octagon, 7 feet long, weight 20 lbs., each.....$ 3.25
No. 38. 1⅛ inch octagon, 8 feet long, weight 30 lbs., each..... 4.50

We make a complete line of Digging and Tamping Bars and will be pleased to quote you on your specifications.

ORDER BY NUMBER

## STEEL LOG STAMPS

For marking ends of logs, timber, etc., made of best steel, and warranted. Letters are hand cut.



### List Prices

| | | | |
|---|---|---|---|
| ¾ inch, per letter | $1.60 | 1¼ inch, per letter | $2.60 |
| 1 inch, per letter | 2.10 | 1½ inch, per letter | 3.10 |

For Steel Forging add per lb., list price ..... 1.00
For Border add each, list price ..... 1.75

Extra charge made for interwoven letters.

Duplicate stamps in lots of one dozen or more are cast in iron and can be furnished at greatly reduced prices.

Stamps for cutting into the side of logs are made sharp face and must be expressly mentioned when for that purpose.

**In ordering always state size of letters wanted.**

## BARK SPUDS

For peeling bark. Blade is forged from high carbon steel and has a 12 inch maple handle.

No. 39. With handles, weight 36 lbs., per doz. ..... $17.50
No. 40. Without handles, weight 24 lbs., per doz. ..... 16.25

## CEDAR SPUDS

For peeling cedar poles or posts quickly and easily. It takes the place of the draw knife.

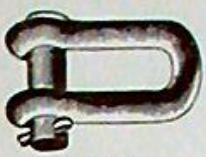
The blade is forged from special Tool Steel and has a finely ground and tempered cutting edge 5½ inches wide.

No. 41. With 4 foot maple handles, weight 60 lbs., per doz. ..... $22.50
No. 42. Without handles, weight 36 lbs., per doz. ..... 17.50

## WROUGHT IRON CHAIN SHACKLES

With Screw

or



Round Pin

| | | | |
|---|---|---|---|
| No. 43. | ¼ in., weight 2 | lbs., per dozen | $ 2.75 |
| No. 44. | 5/16 in., weight 2½ | lbs., per dozen | 2.75 |
| No. 45. | ⅜ in., weight 3¼ | lbs., per dozen | 3.00 |
| No. 46. | 7/16 in., weight 5 | lbs., per dozen | 3.50 |
| No. 47. | ½ in., weight 8 | lbs., per dozen | 4.00 |
| No. 48. | ⅝ in., weight 15 | lbs., per dozen | 5.00 |
| No. 49. | ¾ in., weight 24 | lbs., per dozen | 6.00 |
| No. 50. | ⅞ in., weight 40 | lbs., per dozen | 7.50 |
| No. 51. | 1 in., weight 54 | lbs., per dozen | 11.00 |
| No. 52. | 1⅛ in., weight 74 | lbs., per dozen | 16.00 |
| No. 53. | 1¼ in., weight 84 | lbs., per dozen | 20.00 |

Specify whether wanted with Screw or Round Pin.

## WROUGHT IRON ANCHOR SHACKLES

With Screw

or

Round Pin

| | | | |
|---|---|---|---|
| No. 54. | ¼ in., weight 2 | lbs., per dozen | $ 2.75 |
| No. 55. | 5/16 in., weight 2¼ | lbs., per dozen | 2.75 |
| No. 56. | ⅜ in., weight 3¼ | lbs., per dozen | 3.00 |
| No. 57. | 7/16 in., weight 5 | lbs., per dozen | 3.50 |
| No. 58. | ½ in., weight 8 | lbs., per dozen | 4.00 |
| No. 59. | ⅝ in., weight 15 | lbs., per dozen | 5.00 |
| No. 60. | ¾ in., weight 24 | lbs., per dozen | 6.00 |
| No. 61. | ⅞ in., weight 40 | lbs., per dozen | 7.50 |
| No. 62. | 1 in., weight 54 | lbs., per dozen | 11.00 |
| No. 63. | 1⅛ in., weight 74 | lbs., per dozen | 16.00 |
| No. 64. | 1¼ in., weight 84 | lbs., per dozen | 20.00 |

Specify whether wanted with Screw or Round Pin.

## WROUGHT CHAIN SWIVELS

Our "Blind Swivels" are hand forged of special steel and are the strongest that can be made—we recommend them for extra heavy work. The Common Swivels are far stronger than malleable and cost but little more.

Blind Swivel

Fig. 1

Common Swivel

Fig. 2

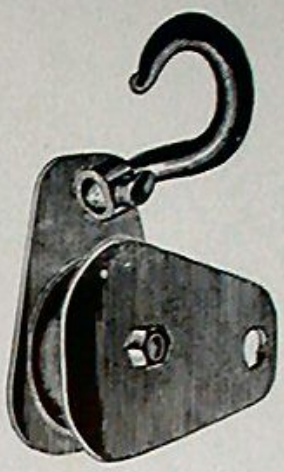
| Size of chain | ¼ | 5/16 | ⅜ | 7/16 | ½ | ⅝ | ¾ | ⅞ | inch |
|---|---|---|---|---|---|---|---|---|---|
| No. 65. Fig. 1 | $0.60 | .70 | .75 | .90 | 1.00 | 1.30 | 1.60 | 2.00 | each |
| No. 66. Fig. 2 | .... | .... | .... | .... | .70 | .80 | 1.10 | 1.75 | each |

ORDER BY NUMBER AND STATE SIZE

## LOADING BLOCKS

No. 67
11 lbs.

No. 70
11 lbs.



No. 71
10 lbs.

No. 73
9 lbs.

No. 67. Wrought Steel Loading Block. 5⅛x1⅝ in. iron sheave for rope and with round swivel hook, per doz. ..... $25.00

No. 68. Wrought Steel Loading Block, with chain sheave (otherwise same as No. 67), per doz. ..... 25.00

No. 69. Wrought Steel Loading Block, with grab hook and 5⅛x1⅝ inch plain rope sheave, per doz. ..... 26.00

No. 70. Wrought Steel Loading Block, with grab hook and 5⅛x1⅝ inch chain sheave, per doz. ..... 26.00

No. 71. Loading and Snatch Block combined, fitted with 5⅛x1⅝ inch iron rope sheave, per doz. ..... 40.00

No. 72. Loading and Snatch Block, fitted with chain sheave, otherwise same as No. 71, per doz. ..... 40.00

No. 73. Wrought Steel Loading Block, Hartz pattern, with grab hook, intermediate link and swivel eye, rope sheave, per doz. ..... 35.00

No. 74. Same as No. 73, but with chain sheave, per doz. ..... 35.00

No. 75. Sheaves only, 5⅛x1⅝ inch, for rope, per doz. ..... 8.00

No. 76. Sheaves only, 5⅛x1⅝ inch, for chain, per doz. ..... 8.00

ORDER BY NUMBER

## DIAMOND SHELL STEEL BLOCKS FOR WIRE ROPE

For log hoisting we furnish one of Figure 1 and two of Figure 2, making a set of three blocks. They are patterned by practical lumbermen who know just what is needed and will give the best of satisfaction.

Fig. 1

Fig. 2

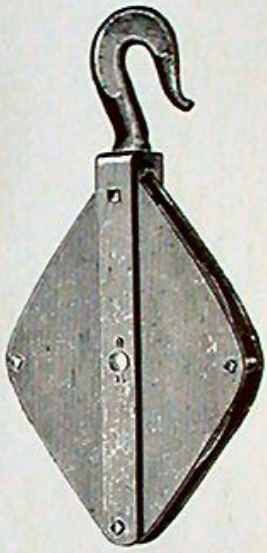


Fig. 3

### Prices with Common or Iron Bushed Sheaves

| Diam. of Sheaves Inches | For Wire Rope, Diam. Inches | SIZE OF SHEAVES | | Price Single Blocks Each | Weight Single Blocks | Price Double Blocks Each | Price Triple Blocks Each |
|---|---|---|---|---|---|---|---|
| | | Thickness Inches | Diam. of Pin Inches | | | | |
| 10 | ⅜ to ½ | 1¼ | 1 | $10.00 | 26 | $15.00 | $20.00 |
| 12 | ⅜ | 1⅜ | 1 | 12.00 | 41 | 17.50 | 23.00 |
| 14 | ⅜ and ⅜ | 1⅜ | 1¼ | 14.00 | 55 | 20.00 | 26.00 |
| 16 | ⅜ | 1⅜ | 1¼ | 16.00 | 70 | 23.00 | 30.00 |
| 18 | ⅜ and ⅞ | 2 | 1½ | 20.00 | 90 | 28.00 | 36.00 |

### Prices with Brass Bushed Sheaves

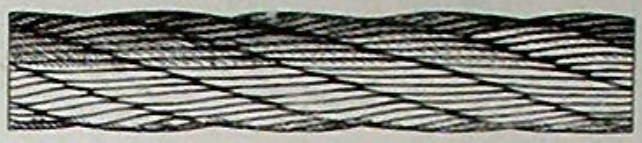
| Diam. of Sheaves Inches | For Wire Rope, Diam. Inches | SIZE OF SHEAVES | | Price Single Blocks Each | Weight Single Blocks | Price Double Blocks Each | Price Triple Blocks Each |
|---|---|---|---|---|---|---|---|
| | | Thickness Inches | Diam. of Pin Inches | | | | |
| 10 | ⅜ to ½ | 1¼ | 1 | $13.00 | 26 | $21.00 | $29.00 |
| 12 | ⅜ | 1⅜ | 1 | 15.00 | 41 | 23.50 | 32.00 |
| 14 | ⅜ and ⅜ | 1⅜ | 1¼ | 17.00 | 55 | 26.00 | 35.00 |
| 16 | ⅜ | 1⅜ | 1¼ | 19.50 | 70 | 30.00 | 40.50 |
| 18 | ⅜ and ⅞ | 2 | 1½ | 24.00 | 90 | 36.00 | 48.00 |

Order these Blocks by diameter of Sheave.
Unless otherwise specified, we always ship Blocks brass bushed.
We can fill orders for extra Sheaves, both common and brass bushed.

**Specify whether single, double or triple blocks are desired, otherwise will ship "Single."**

ORDER BY NUMBER

# WIRE ROPE



## PLOW STEEL HOISTING ROPE

Six strands. Nineteen wires to the strand
Hemp Center. First Quality

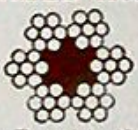
| Diameter in inches | Price per foot cents | Breaking strain in tons | Average weight per foot | Proper working load in tons of 2000 lbs. |
|---|---|---|---|---|
| 5/16 | .12¼ | 3.08 | .15 | .76 |
| 3/8 | .12½ | 5.75 | .22 | 1.15 |
| 7/16 | .13 | 8. | .30 | 1.6 |
| ½ | .14 | 10. | .39 | 2. |
| 5/8 | .19 | 15.5 | .62 | 3.1 |
| ¾ | .26 | 23. | .89 | 4.6 |
| 7/8 | .34 | 29. | 1.20 | 5.8 |

## PATENT STEEL HOISTING ROPE

Six strands. Nineteen wires to the strand
Hemp Center. AA Quality

| | | | | |
|---|---|---|---|---|
| 5/16 | .10¾ | 3.50 | .15 | .70 |
| 3/8 | .11 | 5.30 | .22 | 1.06 |
| 7/16 | .11½ | 7.25 | .30 | 1.45 |
| ½ | .12½ | 9.20 | .39 | 1.84 |
| 5/8 | .16½ | 14. | .62 | 2.80 |
| ¾ | .22 | 20.2 | .89 | 4.04 |
| 7/8 | .29 | 26. | 1.20 | 5.20 |

## GALVANIZED IRON ROPE

Six strands. Hemp center.  Seven wires to the strand.

Used for Derrick Guys, Etc.

| | | | |
|---|---|---|---|
| 5/16 | .03½ | 1.42 | .15 |
| 3/8 | .04½ | 1.95 | .22 |
| 7/16 | .05 | 2.35 | .30 |
| ½ | .06 | 3.39 | .39 |
| 5/8 | .08 | 5 7 | .62 |
| ¾ | .09 | 7.8 | .89 |

## GALVANIZED STRAND OR GUY ROPE

For Guys, Signal Cord, Telephone Companies, Street Railways, Electric Light Plants, Etc.

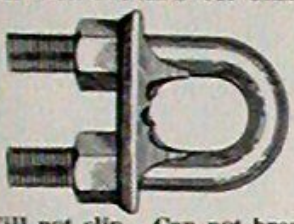
| | | | |
|---|---|---|---|
| ¼ | .01¾ | 1.15 | .12 |
| 5/16 | .02¼ | 1.9 | .21 |
| 3/8 | .02¾ | 2.5 | .29 |
| 7/16 | .03¾ | 3.25 | .41 |
| ½ | .04½ | 4.25 | .51 |

IN ORDERING, GIVE SIZE

## WIRE ROPE ATTACHMENTS

Method of attaching Wire Rope Thimbles and Clips

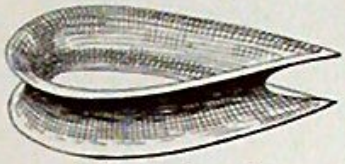
### WIRE ROPE CLIPS OR CLAMPS



Will not slip. Can not break.

| Diameter of Rope | Price each |
|---|---|
| ⅜ | $0.25 |
| 7/16 | .30 |
| ½ | .30 |
| ⅝ | .35 |
| ¾ | .40 |
| ⅞ | .45 |

### OVAL WIRE ROPE THIMBLES



Galvanized steel.

| Diameter of Rope | Price each |
|---|---|
| ⅜ | $0.09 |
| 7/16 | .10 |
| ½ | .11 |
| ⅝ | .13 |
| ¾ | .15 |
| ⅞ | .16 |

## DROP FORGED WELDLESS WIRE ROPE SOCKETS

Open Pattern

| Diameter of Rope | Extreme Length, Inches | Diameter of Pin, Inches | Price each |
|---|---|---|---|
| ⅜ | 4¾ | ⅝ | $1.00 |
| 7/16 | 4¾ | ⅝ | 1.00 |
| ½ | 5½ | ⅞ | 1.35 |
| ⅝ | 6½ | 1 | 1.65 |
| ¾ | 7¼ | 1⅛ | 2.10 |

Closed Pattern

| Diameter of Rope | Extreme Length, Inches | Price each |
|---|---|---|
| ⅜ | 5⅛ | $0.85 |
| 7/16 | 5⅛ | .85 |
| ½ | 6 | 1.10 |
| ⅝ | 6½ | 1.35 |
| ¾ | 8 | 1.65 |

## A NEW WIRE ROPE LOADING HOOK

We make others sizes to order.

This Hook will get a good hold and still can be pulled out easily when the log is loaded. **"It's all in the shape of the hook."** This Hook is made of hammered crucible cast steel, with a heavy upset point. It is equipped with a clevis or ring at the top and a ring in the back for pulling away.

| | Per Doz. |
|---|---|
| No. 77. 1⅛ inch octagon, complete .... | $40.00 |
| No. 78. 1¼ inch octagon, complete .... | 50.00 |

ORDER BY NUMBER

## SHORT LINK CHAIN

| Size | Average Weight per 100 feet | Proof Coil Steel | B B Crane | B B B Crane |
|---|---|---|---|---|
| Inches | Pounds | Test Lbs. | Test Lbs. | Test Lbs. |
| ¼ | 75 | 1200 | 1320 | 1500 |
| 5/16 | 110 | 2500 | 2750 | 3200 |
| ⅜ | 160 | 3500 | 3850 | 4425 |
| 7/16 | 200 | 4800 | 5280 | 6100 |
| ½ | 250 | 6200 | 6820 | 7850 |
| ⅝ | 420 | 9600 | 10560 | 12150 |
| ¾ | 590 | 13800 | 12650 | 14550 |

Safe working load should be about one-half of proof test.
The breaking strain is about double the proof test.

## SPECIAL STEEL LOADING CHAIN

**Hand made with extra long swelled welds.**

Our special steel loading chain is strongest in the welds, where other chains are the weakest. It will pull stiff and rigid before breaking, thus giving ample warning to those near if considerably over strained. It is strictly short linked with long lapped welds. Every piece is thoroughly tested and is guaranteed against defect of material and workmanship.

## DIAMOND STEEL LOADING CHAIN

This chain is hand made from Diamond Special Steel and is the best and strongest for its sizes that American skill can manufacture.

| | | | | | | |
|---|---|---|---|---|---|---|
| Exact size in inches | 9/32 | 5/16 | 11/32 | ⅜ | 7/16 | ½ |
| Tensile strength (pounds) | 6750 | 8400 | 10000 | 11000 | 14000 | 18000 |
| Approx. weight per 100 ft. (lbs.) | 85 | 100 | 120 | 170 | 215 | 265 |

## TRIDENT STEEL LOADING CHAIN

The welds in this chain are one-third as long as the link. In strength and wearing power it is second only to the Diamond Steel. Trident chain runs 1/32 inch heavy—for instance, the ¼ inch is really 9/32 inch.

| | | | |
|---|---|---|---|
| Size in inches (add 1/32) | ¼ | 9/32 | 5/16 |
| Tensile strength (pounds) | 6600 | 7800 | 8800 |
| Weight per 100 ft. (lbs.) | 90 | 110 | 130 |

Please state size, quantity and kind of chain desired and we will quote you prices which we are confident will assist in reducing your chain expense.

## PATENT SAFETY GRAB HOOK

**A hook that saves life as well as time, money and trouble**

Closed.

Open.

In loosening or fastening a load of logs this hook will often save many times its cost in a single load because:

A man can **easily** loosen it when standing out of the reach of falling logs.

It does away with breaking the chain because it never fouls.

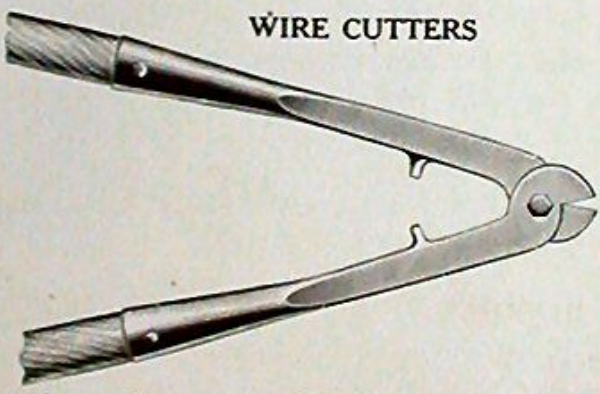
It cannot get loose except when the shackle is pulled away.

Snow or ice will not interfere with it.

Furnished complete with one large link, safety shackle and bolt.

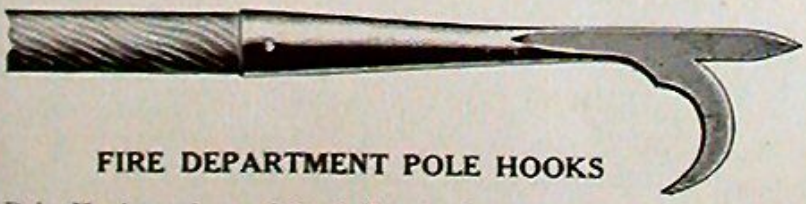
No. 79. For $\frac{7}{16}$ inch chain, weight 3 lbs., each ..... $ 1.60
No. 80. For ½ inch chain, weight 4 lbs., each ..... 2.00
No. 81. For ⅝ inch chain, weight 6 lbs., each ..... 2.50

## WIRE CUTTERS



For cutting wire on log cars, made with 4 foot maple handle.

No. 82. With handle, weight 11 lbs., each ..... $ 9.50



## FIRE DEPARTMENT POLE HOOKS

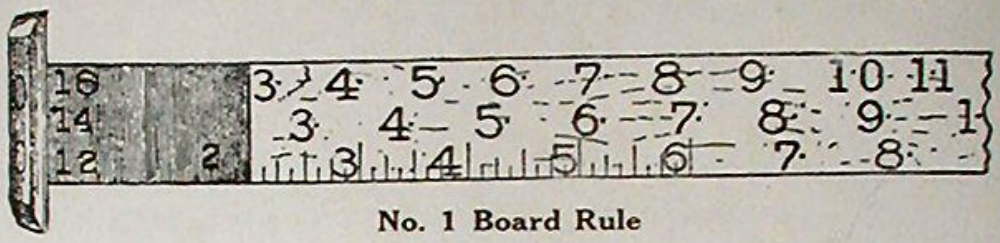
No. 83. Pole Hooks only, weight 4 lbs., each ..... $ 2.50

| | | | | | |
|---|---|---|---|---|---|
| No. 84. | With handles | 8 | 10 | 12 | 14 ft. |
| | List each | $3.40 | $3.75 | $4.00 | $4.50 |
| | Weight | 10 lbs. | 12 lbs. | 13 lbs. | 15 lbs. |
| No. 85. | With handles | 16 | 18 | 20 | 24 ft. |
| | List each | $5.00 | $5.80 | $6.80 | $8.00 |
| | Weight | 18 lbs. | 20 lbs. | 22 lbs. | 26 lbs. |

## HICKORY BOARD RULES

### Burnt Figures

These Rules are all marked on one side to measure 12, 14 and 16 feet. In ordering state whether you want opposite side 8, 10 and 18 feet, or 18, 20 and 22 feet. Full length of rules given, including 6 inch handle.

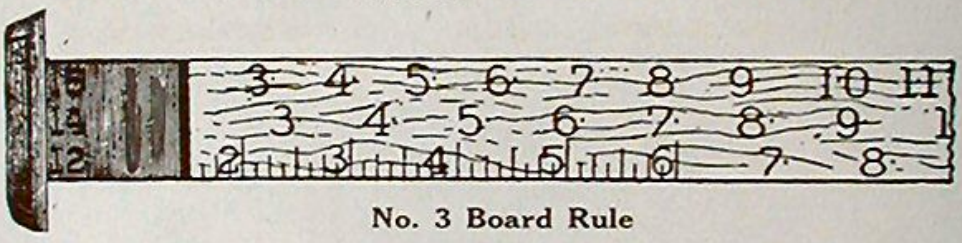



**No. 1 Board Rule**

No. 1. 3 tier, 3½ foot Inspector's Board Rule, per doz. ..... $27.00
Made of the very best selected second-growth white hickory. Has extra heavy brazed heads (steel caps and brass shoulders) and every rule is inspected and tested before being shipped.

No. 2. 3 tier, 3 foot Board Rule, extra heavy brazed head, per doz. ..... $25.00
Same style and quality as No. 1, except in length. It is the rule for regular yard work and most commonly used.

No. 2½. 2½ foot Sorting Rule. . . . . $24.00
Same material as in the No. 2, but this rule is shorter and stiffer.

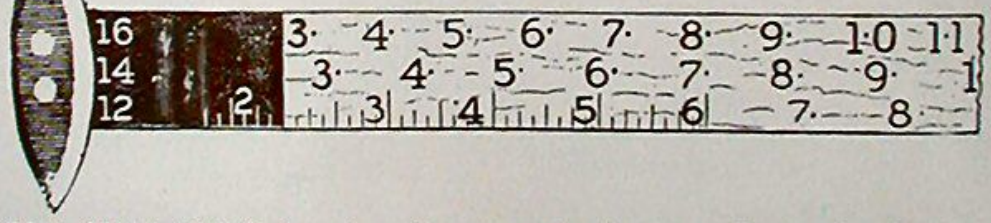



**No. 3 Board Rule**

No. 3. 3 tier, 3 foot Board Rule, brazed head, per dozen ..... $23.00
Same as No. 2, except the brass shoulder is half an inch shorter.

No. 4. 3 tier, 3 foot Board Rule, socket steel head, per dozen ..... $21.00
A good, low priced, serviceable Rule.

### Oval Head Board Rules



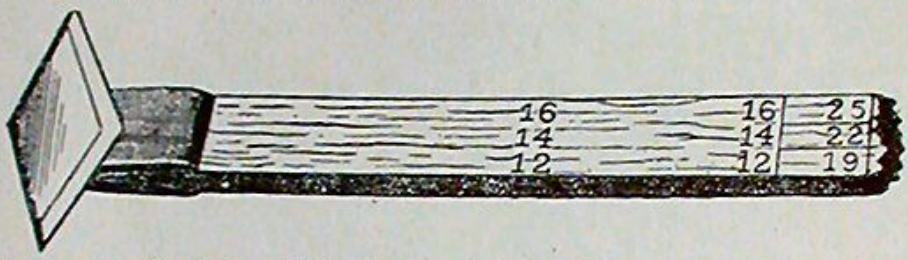

OUR OVAL HEAD is a favorite among lumbermen. In turning lumber with this head the strain is brought on the edge of the rule, saving many broken rules. The oval-shaped top or cap is of best tempered steel, brazed on to an extra heavy brass shoulder.

**Can furnish any of above rules with oval head without extra charge. Always state whether square or oval head board rules are wanted.**

## HICKORY LOG RULES

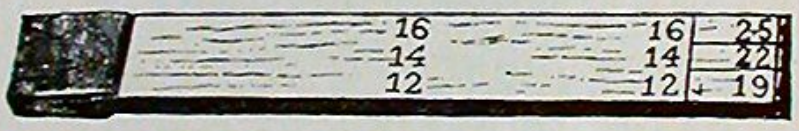
### Burnt Figures

Made with any scale desired. Doyle, Scribner, Decimal and Combined Doyle-Scribner are regular, all other scales are special. Regular rules are marked to scale from 8 to 20 feet, or 12 to 24 feet logs, every two feet. In ordering, always state whether 8 to 20 or 12 to 24, also what scale is wanted.



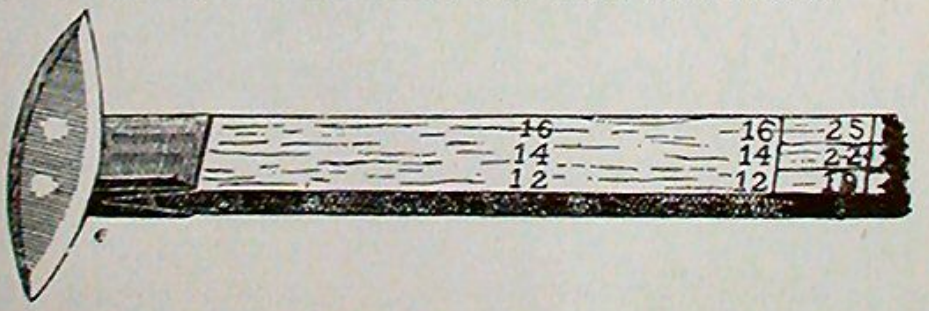

No. 14. Square Head Log Rule (any scale), per dozen.....$27.00
Figured 48 inches, with 8 inch handle. Full length 4 feet 8 inches.

No. 15. Square Head Log Rule (any scale), per dozen..... 23.00
Figured 36 inches, with 6 inch handle. Full length 3½ feet.




No. 19. Plain Head Log Rule (any scale), per dozen..... 25.00
Figured 48 inches, with 8 inch handle. Full length 4 feet 8 inches.

No. 20. Plain Log Rule, no head (any scale), per dozen..... 21.00
Figured 48 inches, with 8 inch handle. Full length 4 feet 8 inches.




No. 22. T-Head Log Rule, Wisconsin Pattern (any scale), per dozen..... 27.00
Figured 48 inches, with 8 inch handle. Full length 4 feet 8 inches.

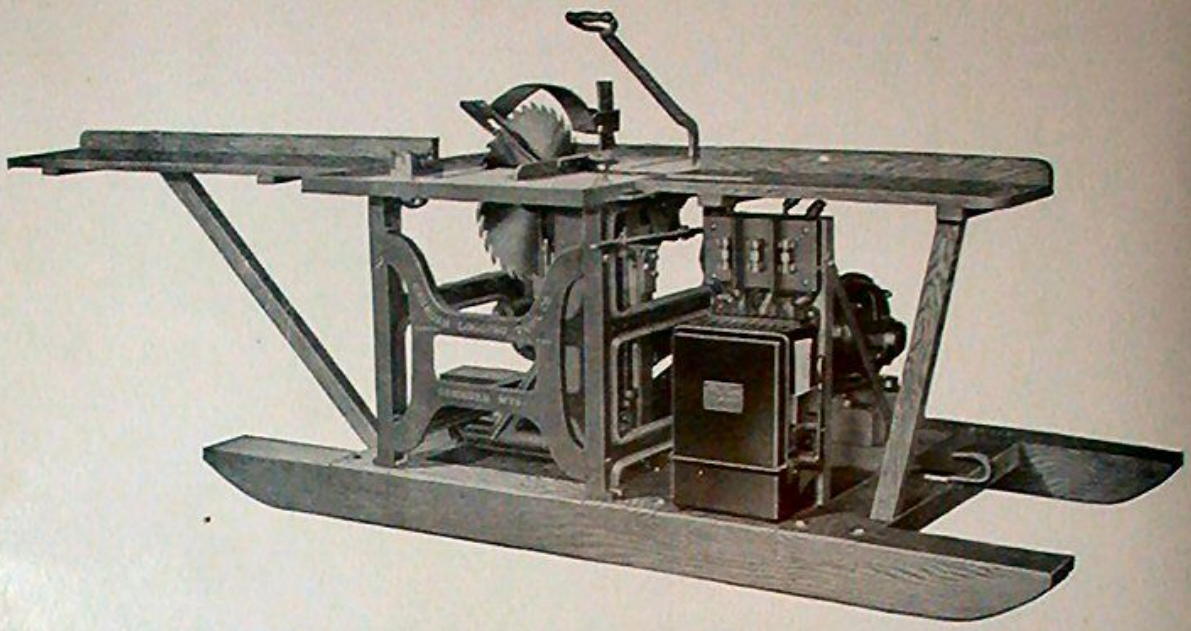
## LUMBERMEN'S PENCIL HOLDER

**Nickle Plated.**

No. 86. Complete with 36 inch handle, per dozen .....$12.00
No. 87. Holder only, per dozen..... 10.00

We can furnish special rules, log calipers, lumber gauges, crayons, etc.

ORDER BY NUMBER



## OSHKOSH PORTABLE SAW RIG

### With Gasoline Engine or Electric Motor

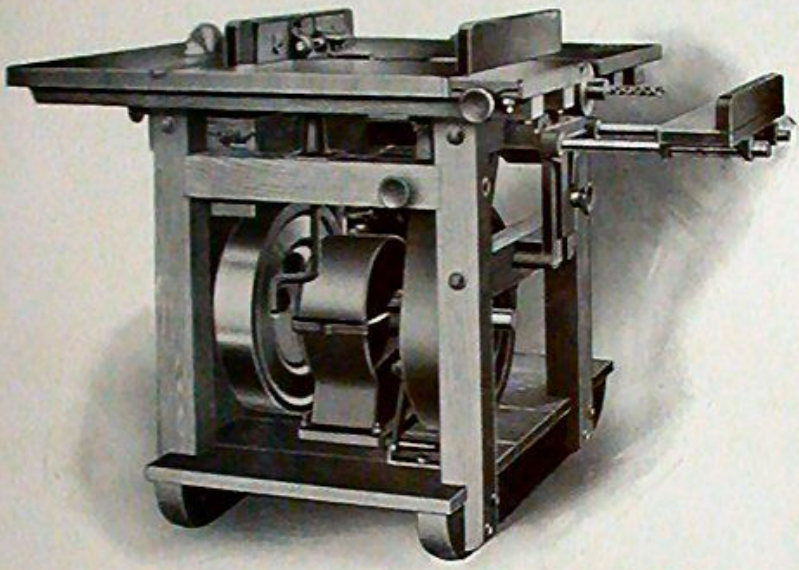
This machine is designed especially for lumber yards in working up the odds and ends, culls, scraps and defective lumber into a marketable and profitable grade which would otherwise result in a loss. It also enables the lumberman to do away with a large assortment of various odd sizes, which would sometimes lay idle for a long time and decrease in quality and value, but with an Oshkosh Portable Saw Rig, all these odd sizes may be manufactured from stock on hand, resulting in a gain in freight, lumber, time and money.

This rig is rapidly gaining the popular favor of all lumbermen, large and small, as it fills a long felt want for a compact, portable mill with self-contained power, which is within the reach of all in price and operates at a very nominal cost.

Any lumberman interested in cutting down the daily losses of his yard and increasing his sales and profits should write us at once for separate catalogue of this rig, which gives full information regarding same.

SEND FOR OUR MACHINERY CATALOG

# Eveready



## CONTRACTORS' PORTABLE SAW RIG

No contractor's or builder's equipment, large or small, is complete without one or more of these rigs. This machine is the greatest money maker any one in the building business can own. It will do the work of 25 men and the cost of operating is hardly worth mentioning.

From this single machine, it may be turned into the following different machines at a moment's notice:

| | |
|---|---|
| 10 inch Cross Cut Saw | Boring Outfit |
| 10 inch Rip Saw | 6½ inch Dado Head |
| 12 inch Jig Saw | 5 inch Jointer Head |
| 10 inch Sander | Miter Device |

6 inch Emery Wheel

You see, now, you practically have a small mill of your own right on the job, which can be moved just like a tool chest in your every day wagon.

We guarantee this rig absolutely and are willing to sell you one of these machines on the conditions that IF NOT AS REPRESENTED AND SATISFACTORY, SAME MAY BE RETURNED AT OUR EXPENSE.

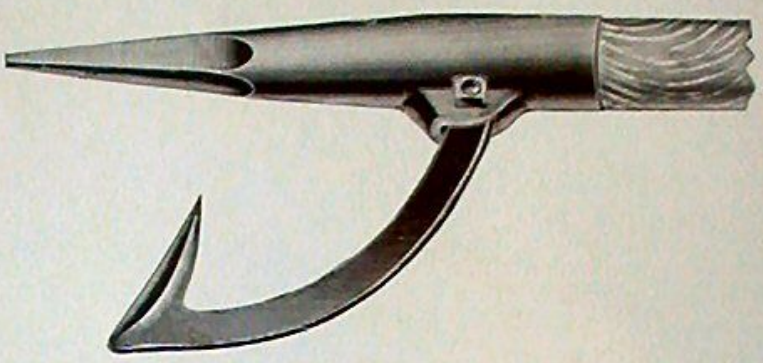
If you want to fill your contracts cheaper, quicker and with more profit to yourself, it will pay you to send for separate folder on this rig.

## OSHKOSH STEEL PEAVIES

### Wrought Steel Socket, Clasp and Pick in One Piece

The combined Socket and Pick does away with the shoulder at the end of the socket, allowing the tool to work freely between logs.

It is absolutely impossible for the pick to come out. This peavey is more easily repaired than any other—not necessary to bore the handle, the peculiar shape of the socket holding it firmly in place.



With Round or Duck Bill Hooks.

### Regular Maple Handles

| No. | Size | Weight | Per Doz. |
|---|---|---|---|
| 88. | 2¼ in. x 4 ft. | 85 lbs. | $35.90 |
| 89. | 2¼ in. x 4½ ft. | 89 lbs. | 36.90 |
| 90. | 2¼ in. x 5 ft. | 94 lbs. | 37.90 |
| 91. | 2½ in. x 4 ft. | 104 lbs. | 37.00 |
| 92. | 2½ in. x 4½ ft. | 110 lbs. | 38.00 |
| 93. | 2½ in. x 5 ft. | 116 lbs. | 39.00 |
| 94. | 2½ in. x 5½ ft. | 121 lbs. | 40.00 |
| 95. | 2¾ in. x 4½ ft. | 128 lbs. | 44.35 |
| 96. | 2¾ in. x 5 ft. | 134 lbs. | 45.35 |
| 97. | 2¾ in. x 5½ ft. | 140 lbs. | 46.35 |
| 98. | 3 in. x 5 ft. | 148 lbs. | 52.00 |
| 99. | 3 in. x 5½ ft. | 152 lbs. | 53.00 |
| 100. | 3 in. x 6 ft. | 158 lbs. | 54.00 |

### Select Hickory Handles

| No. | Size | Weight | Per Doz. |
|---|---|---|---|
| 101. | 2¼ in. x 4 ft. | 91 lbs. | $41.25 |
| 102. | 2¼ in. x 4½ ft. | 96 lbs. | 42.25 |
| 103. | 2¼ in. x 5 ft. | 102 lbs. | 43.25 |
| 104. | 2½ in. x 4 ft. | 113 lbs. | 42.50 |
| 105. | 2½ in. x 4½ ft. | 117 lbs. | 43.50 |
| 106. | 2½ in. x 5 ft. | 123 lbs. | 44.50 |
| 107. | 2½ in. x 5½ ft. | 129 lbs. | 45.50 |
| 108. | 2¾ in. x 4½ ft. | 137 lbs. | 51.45 |
| 109. | 2¾ in. x 5 ft. | 143 lbs. | 52.45 |
| 110. | 2¾ in. x 5½ ft. | 151 lbs. | 53.45 |
| 111. | 3 in. x 5 ft. | 159 lbs. | 58.00 |
| 112. | 3 in. x 5½ ft. | 165 lbs. | 59.00 |
| 113. | 3 in. x 6 ft. | 172 lbs. | 60.00 |

### Second Growth Maple Handles

Our second growth maple handles are turned from timber split out by hand and air seasoned and are far superior to hickory.

| | | | | |
|---|---|---|---|---|
| No. 114. | 2¼ in. x 4 ft. | handles, weight | 85 lbs., per dozen | $41.25 |
| No. 115. | 2¼ in. x 4½ ft. | handles, weight | 89 lbs., per dozen | 42.25 |
| No. 116. | 2¼ in. x 5 ft. | handles, weight | 94 lbs., per dozen | 43.25 |
| No. 117. | 2½ in. x 4 ft. | handles, weight | 104 lbs., per dozen | 42.50 |
| No. 118. | 2½ in. x 4½ ft. | handles, weight | 110 lbs., per dozen | 43.50 |
| No. 119. | 2½ in. x 5 ft. | handles, weight | 116 lbs., per dozen | 44.50 |
| No. 120. | 2½ in. x 5½ ft. | handles, weight | 121 lbs., per dozen | 45.50 |

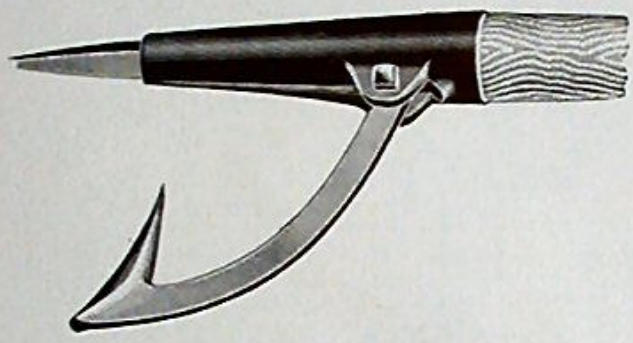
**We will send Duck Bill Hooks unless otherwise specified**

For Handles only, see pages 46-47

ORDER BY NUMBER

## MALLEABLE SOLID SOCKET PEAVIES

The lightest, strongest, most durable and evenly balanced. The socket is made from the best grade of malleable iron. The hook and pick are made of crucible steel, the pick and socket are set in oil paint, 60,000 lbs. screw pressure, cold—not burnt or driven in. In adaptability to range of work or excellence of finish these peavies are unequalled.



**With Round or Duck Bill Hooks.**

### Regular Maple Handles

| No. | Size | Weight | Per Doz. |
|---|---|---|---|
| 121. | 2¼ in. x 4 ft. | 85 lbs. | $24.70 |
| 122. | 2¼ in. x 4½ ft. | 89 lbs. | 25.40 |
| 123. | 2¼ in. x 5 ft. | 94 lbs. | 26.10 |
| 124. | 2½ in. x 4 ft. | 104 lbs. | 25.70 |
| 125. | 2½ in. x 4½ ft. | 110 lbs. | 26.40 |
| 126. | 2½ in. x 5 ft. | 116 lbs. | 27.10 |
| 127. | 2½ in. x 5½ ft. | 121 lbs | 27.80 |
| 128. | 2¾ in. x 4½ ft. | 128 lbs. | 30.40 |
| 129. | 2¾ in. x 5 ft. | 134 lbs. | 31.10 |
| 130. | 2¾ in. x 5½ ft. | 140 lbs. | 31.80 |
| 131. | 3 in. x 5 ft. | 148 lbs. | 34.90 |
| 132. | 3 in. x 5½ ft. | 152 lbs. | 35.60 |
| 133. | 3 in. x 6 ft. | 158 lbs. | 36.30 |

### Select Hickory Handles

| No. | Size | Weight | Per Doz. |
|---|---|---|---|
| 134. | 2¼ in. x 4 ft. | 91 lbs. | $31.50 |
| 135. | 2¼ in. x 4½ ft. | 96 lbs. | 32.50 |
| 136. | 2¼ in. x 5 ft. | 102 lbs. | 33.50 |
| 137. | 2½ in. x 4 ft. | 113 lbs. | 31.90 |
| 138. | 2½ in. x 4½ ft. | 117 lbs. | 32.90 |
| 139. | 2½ in. x 5 ft. | 123 lbs. | 33.90 |
| 140. | 2½ in. x 5½ ft. | 129 lbs. | 34.90 |
| 141. | 2¾ in. x 4½ ft. | 137 lbs. | 37.80 |
| 142. | 2¾ in. x 5 ft. | 143 lbs. | 38.80 |
| 143. | 2¾ in. x 5½ ft. | 151 lbs. | 39.80 |
| 144. | 3 in. x 5 ft. | 159 lbs. | 43.00 |
| 145. | 3 in. x 5½ ft. | 165 lbs. | 44.00 |
| 146. | 3 in. x 6 ft. | 172 lbs. | 45.00 |

### Second Growth Maple Handles

Our second growth maple handles are turned from timber split out by hand and air seasoned and are far superior to hickory.

| | | | | | |
|---|---|---|---|---|---|
| No. 147. | 2¼ in. x 4 ft. | handles, weight | 85 lbs., | per dozen | $31.50 |
| No. 148. | 2¼ in. x 4½ ft. | handles, weight | 89 lbs., | per dozen | 32.50 |
| No. 149. | 2¼ in. x 5 ft. | handles, weight | 94 lbs., | per dozen | 33.50 |
| No. 150. | 2½ in. x 4 ft. | handles, weight | 104 lbs., | per dozen | 31.90 |
| No. 151. | 2½ in. x 4½ ft. | handles, weight | 110 lbs., | per dozen | 32.90 |
| No. 152. | 2½ in. x 5 ft. | handles, weight | 116 lbs., | per dozen | 33.90 |
| No. 153. | 2½ in. x 5½ ft. | handles, weight | 121 lbs., | per dozen | 34.90 |

**We will send Duck Bill Hooks unless otherwise specified**

For Handles only, see pages 46-47

ORDER BY NUMBER

## MALLEABLE SPLIT SOCKET PEAVIES

These peavies are the same as the solid socket except that the socket is split so that in case the handle shrinks the socket can be tightened by means of the bolt.

With Round or Duck Bill Hooks.

### Regular Maple Handles

| No. | Size | Weight | Per Doz. |
|---|---|---|---|
| 154. | 2¼ in. x 4 ft. | 85 lbs. | $24.70 |
| 155. | 2¼ in. x 4½ ft. | 89 lbs. | 25.40 |
| 156. | 2¼ in. x 5 ft. | 94 lbs. | 26.10 |
| 157. | 2½ in. x 4 ft. | 104 lbs. | 25.70 |
| 158. | 2½ in. x 4½ ft. | 110 lbs. | 26.40 |
| 159. | 2½ in. x 5 ft. | 116 lbs. | 27.10 |
| 160. | 2½ in. x 5½ ft. | 121 lbs. | 27.80 |
| 161. | 2¾ in. x 4½ ft. | 128 lbs. | 30.40 |
| 162. | 2¾ in. x 5 ft. | 134 lbs. | 31.10 |
| 163. | 2¾ in. x 5½ ft. | 140 lbs. | 31.80 |
| 164. | 3 in. x 5 ft. | 148 lbs. | 34.90 |
| 165. | 3 in. x 5½ ft. | 152 lbs. | 35.60 |
| 166. | 3 in. x 6 ft. | 158 lbs. | 36.30 |

### Select Hickory Handles

| No. | Size | Weight | Per Doz. |
|---|---|---|---|
| 167. | 2¼ in. x 4 ft. | 91 lbs. | $31.50 |
| 168. | 2¼ in. x 4½ ft. | 96 lbs. | 32.50 |
| 169. | 2¼ in. x 5 ft. | 102 lbs. | 33.50 |
| 170. | 2½ in. x 4 ft. | 113 lbs. | 31.90 |
| 171. | 2½ in. x 4½ ft. | 117 lbs. | 32.90 |
| 172. | 2½ in. x 5 ft. | 123 lbs. | 33.90 |
| 173. | 2½ in. x 5½ ft. | 129 lbs. | 34.90 |
| 174. | 2¾ in. x 4½ ft. | 137 lbs. | 37.80 |
| 175. | 2¾ in. x 5 ft. | 143 lbs. | 38.80 |
| 176. | 2¾ in x 5½ ft. | 151 lbs. | 39.80 |
| 177. | 3 in. x 5 ft. | 159 lbs. | 43.00 |
| 178. | 3 in. x 5½ ft. | 165 lbs. | 44.00 |
| 179. | 3 in. x 6 ft. | 172 lbs. | 45.00 |

### Second Growth Maple Handles

Our second growth maple handles are turned from timber split out by hand and air seasoned and are far superior to hickory.

No. 180. 2¼ in. x 4 ft. handles, weight 85 lbs., per dozen.....$31.50
No. 181. 2¼ in. x 4½ ft. handles, weight 89 lbs., per dozen..... 32.50
No. 182. 2¼ in. x 5 ft. handles, weight 94 lbs., per dozen..... 33.50
No. 183. 2½ in. x 4 ft. handles, weight 104 lbs., per dozen..... 31.90
No. 184. 2½ in. x 4½ ft. handles, weight 110 lbs., per dozen..... 32.90
No. 185. 2½ in. x 5 ft. handles, weight 116 lbs., per dozen..... 33.90
No. 186. 2½ in. x 5½ ft. handles, weight 121 lbs., per dozen..... 34.90

**We will send Duck Bill Hooks unless otherwise specified**

For Handles only, see pages 46-47

## PATENT TIE GAPPLING PEAVY

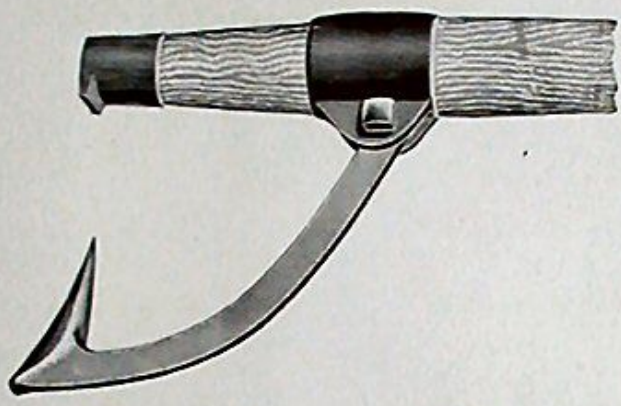
A handy tool, devised for unloading railroad ties, posts, etc. A wonderful time saver.

No. 187. With 3 ft. maple handle, per doz.....$32.50

## MALLEABLE CLASP CANT HOOKS

### Duck Bill, Round or Chisel Point Hooks. Short or Extension Toe Rings

This Cant Hook is a favorite in all parts of the country. The hook is hammered from crucible cast steel.



### Regular Maple Handles

| No. | Size | Weight | Per Doz. |
|---|---|---|---|
| 188. | 2½ in. x 4 ft. | 80 lbs. | $18.75 |
| 189. | 2½ in. x 4½ ft. | 85 lbs. | 19.40 |
| 190. | 2½ in. x 5 ft. | 90 lbs. | 20.00 |
| 191. | 2½ in. x 5½ ft. | 95 lbs. | 20.65 |
| 192. | 2¾ in. x 4½ ft. | 90 lbs. | 22.50 |
| 193. | 2¾ in. x 5 ft | 95 lbs. | 23.15 |
| 194. | 2¾ in. x 5½ ft. | 100 lbs. | 23.80 |
| 195. | 2¾ in. x 6 ft. | 106 lbs. | 24.45 |
| 196. | 3 in. x 5 ft. | 108 lbs | 28.85 |
| 197. | 3 in. x 5½ ft. | 114 lbs. | 29.50 |
| 198. | 3 in. x 6 ft. | 120 lbs. | 30.15 |

### Select Hickory Handles

| No. | Size | Weight | Per Doz. |
|---|---|---|---|
| 199. | 2½ in. x 4 ft. | 91 lbs. | $24.00 |
| 200. | 2½ in. x 4½ ft. | 97 lbs. | 24.80 |
| 201. | 2½ in. x 5 ft. | 103 lbs. | 25.60 |
| 202. | 2½ in. x 5½ ft. | 110 lbs. | 26.40 |
| 203. | 2¾ in. x 4½ ft. | 103 lbs. | 28.60 |
| 204. | 2¾ in. x 5 ft. | 113 lbs. | 29.30 |
| 205. | 2¾ in. x 5½ ft. | 120 lbs. | 30.00 |
| 206. | 2¾ in. x 6 ft. | 129 lbs. | 30.70 |
| 207. | 3 in. x 5 ft. | 121 lbs. | 36.20 |
| 208. | 3 in. x 5½ ft. | 128 lbs. | 37.00 |
| 209. | 3 in. x 6 ft. | 136 lbs. | 37.80 |

### Second Growth Maple Handles

Our second growth maple handles are turned from timber split out by hand and air seasoned and are far superior to hickory.

| | | | | |
|---|---|---|---|---|
| No. 210. | 2½ in. x 4 ft. | handles, weight | 80 lbs., per dozen | $24.00 |
| No. 211. | 2½ in. x 4½ ft. | handles, weight | 85 lbs., per dozen | 24.80 |
| No. 212. | 2½ in. x 5 ft. | handles, weight | 90 lbs., per dozen | 25.60 |
| No. 213. | 2¾ in. x 4½ ft. | handles, weight | 92 lbs., per dozen | 28.60 |
| No 214. | 2¾ in. x 5 ft. | handles, weight | 96 lbs., per dozen | 29.30 |
| No. 215. | 2¾ in. x 5½ ft. | handles, weight | 101 lbs., per dozen | 30.00 |
| No. 216. | 3 in. x 5 ft. | handles, weight | 110 lbs., per dozen | 36.20 |
| No. 217 | 3 in. x 5½ ft. | handles, weight | 116 lbs., per dozen | 37.00 |

**Specify short or extension Toe Rings**

**We will send Duck Bill Hooks and Short Toe Rings unless otherwise specified**

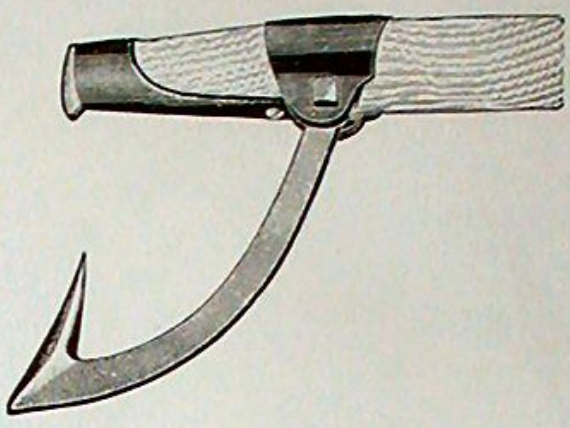
For Handles only, see pages 46-47

ORDER BY NUMBER

## WROUGHT STEEL CLASP CANT HOOKS

### Duck Bill, Round or Chisel Point Hooks. Short or Extension Toe Rings

This Cant Hook is the same as the preceding one except that the clasp is hand forged from wrought steel. This clasp is the strongest and lightest that hard steel mixed with brains has so far resulted in producing.



### Regular Maple Handles

| No. | Size | Weight | Per Doz. |
|---|---|---|---|
| 219. | 2½ in. x 4 ft. | 80 lbs. | 20.60 |
| 220. | 2½ in. x 4½ ft. | 85 lbs. | 21.25 |
| 221. | 2½ in. x 5 ft. | 90 lbs. | 21.90 |
| 222. | 2½ in. x 5½ ft. | 95 lbs. | 22.55 |
| 223. | 2¾ in. x 4½ ft. | 90 lbs. | 24.40 |
| 224. | 2¾ in. x 5 ft. | 95 lbs. | 25.00 |
| 225. | 2¾ in. x 5½ ft. | 100 lbs. | 25.65 |
| 226. | 2¾ in. x 6 ft. | 106 lbs. | 26.30 |
| 227. | 3 in. x 5 ft. | 108 lbs. | 30.65 |
| 228. | 3 in. x 5½ ft. | 114 lbs. | 31.30 |
| 229. | 3 in. x 6 ft. | 120 lbs. | 31.95 |

### Select Hickory Handles

| No. | Size | Weight | Per Doz. |
|---|---|---|---|
| 231. | 2½ in. x 4 ft. | 91 lbs. | 26.40 |
| 232. | 2½ in. x 4½ ft. | 97 lbs. | 27.10 |
| 233. | 2½ in. x 5 ft. | 103 lbs. | 27.80 |
| 234. | 2½ in. x 5½ ft. | 110 lbs. | 28.50 |
| 235. | 2¾ in. x 4½ ft. | 103 lbs. | 30.55 |
| 236. | 2¾ in. x 5 ft. | 113 lbs. | 31.25 |
| 237. | 2¾ in. x 5½ ft. | 120 lbs. | 31.95 |
| 238. | 2¾ in. x 6 ft. | 129 lbs. | 32.65 |
| 239. | 3 in. x 5 ft. | 121 lbs. | 38.20 |
| 240. | 3 in. x 5½ ft. | 128 lbs. | 38.90 |
| 241. | 3 in. x 6 ft. | 136 lbs. | 39.60 |

### Second Growth Maple Handles

Our second growth maple handles are turned from timber split out by hand and air seasoned and are far superior to hickory.

| | | | | | |
|---|---|---|---|---|---|
| No. 242. | 2½ in. x 4 ft. handles, | weight | 81 lbs., | per dozen | $26.40 |
| No. 243. | 2½ in. x 4½ ft. handles, | weight | 86 lbs., | per dozen | 27.10 |
| No. 244. | 2½ in. x 5 ft. handles, | weight | 91 lbs., | per dozen | 27.80 |
| No. 245. | 2¾ in. x 4½ ft. handles, | weight | 91 lbs., | per dozen | 30.55 |
| No. 246. | 2¾ in. x 5 ft. handles, | weight | 96 lbs., | per dozen | 31.25 |
| No. 247. | 2¾ in. x 5½ ft. handles, | weight | 101 lbs., | per dozen | 31.95 |
| No. 248. | 3 in. x 5 ft. handles, | weight | 110 lbs., | per dozen | 38.20 |
| No. 249. | 3 in. x 5½ ft. handles, | weight | 116 lbs., | per dozen | 38.90 |

**Specify short or extension Toe Rings**

**We will send Duck Bill Hooks and Extension Toe Rings unless otherwise specified**

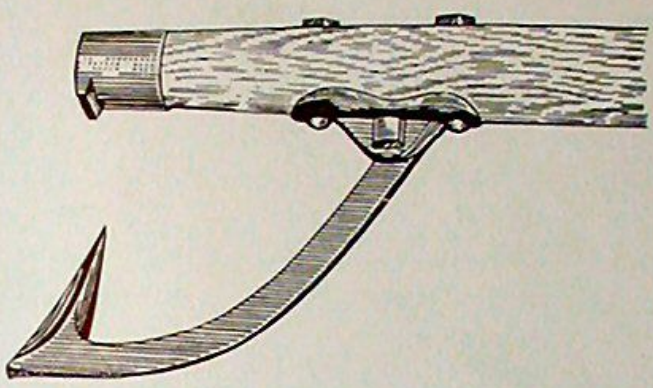
For Handles only, see pages 46-47

ORDER BY NUMBER

## WROUGHT STEEL CLIP CANT HOOKS

### Duck Bill, Round or Chisel Point Hook

The clip is hand forged from hammered crucible steel and is fastened to the handle with heavy bolts secured with screw nuts. This makes an exceptionally light Cant Hook which is preferred in many parts of the country.



### Regular Maple Handles

| No. | Size | Weight | Per Doz. |
|---|---|---|---|
| 251. | 2½ in. x 4 ft. | 80 lbs. | 18.75 |
| 252. | 2½ in. x 4½ ft. | 85 lbs. | 19.40 |
| 253. | 2½ in. x 5 ft. | 90 lbs. | 20.00 |
| 254. | 2½ in. x 5½ ft. | 95 lbs. | 20.65 |
| 255. | 2¾ in. x 4½ ft. | 90 lbs. | 22.50 |
| 256. | 2¾ in. x 5 ft. | 95 lbs. | 23.15 |
| 257. | 2¾ in. x 5½ ft. | 100 lbs. | 23.80 |
| 258. | 2¾ in. x 6 ft. | 106 lbs. | 24.45 |
| 259. | 3 in. x 5 ft. | 108 lbs. | 28.85 |
| 260. | 3 in. x 5½ ft. | 114 lbs. | 29.50 |
| 261. | 3 in. x 6 ft. | 120 lbs. | 30.15 |

### Select Hickory Handles

| No. | Size | Weight | Per Doz. |
|---|---|---|---|
| 263. | 2½ in. x 4 ft. | 90 lbs. | 24.00 |
| 264. | 2½ in. x 4½ ft. | 96 lbs. | 24.80 |
| 265. | 2½ in. x 5 ft. | 102 lbs. | 25.60 |
| 266. | 2½ in. x 5½ ft. | 109 lbs. | 26.40 |
| 267. | 2¾ in. x 4½ ft. | 102 lbs. | 28.60 |
| 268. | 2¾ in. x 5 ft. | 112 lbs. | 29.30 |
| 269. | 2¾ in. x 5½ ft. | 119 lbs. | 30.00 |
| 270. | 2¾ in. x 6 ft. | 128 lbs. | 30.70 |
| 271. | 3 in. x 5 ft. | 120 lbs. | 36.20 |
| 272. | 3 in. x 5½ ft. | 127 lbs. | 37.00 |
| 273. | 3 in. x 6 ft. | 135 lbs. | 37.80 |

### Second Growth Maple Handles

Our second growth maple handles are turned from timber split out by hand and air seasoned and are far superior to hickory.

| | | | |
|---|---|---|---|
| No. 274. | 2½ in. x 4 ft. handles, weight 80 lbs., per dozen | $24.00 |
| No. 275. | 2½ in. x 4½ ft. handles, weight 85 lbs., per dozen | 24.80 |
| No. 276. | 2½ in. x 5 ft. handles, weight 95 lbs., per dozen | 26.40 |
| No. 277. | 2¾ in. x 4½ ft. handles, weight 90 lbs. per dozen | 28.60 |
| No. 278. | 2¾ in. x 5 ft. handles, weight 95 lbs., per dozen | 29.30 |
| No. 279. | 2¾ in. x 5½ ft. handles, weight 100 lbs., per dozen | 30.00 |
| No. 280. | 3 in. x 5 ft. handles, weight 109 lbs., per dozen | 36.20 |
| No. 281. | 3 in. x 5½ ft. handles, weight 115 lbs., per dozen | 37.00 |

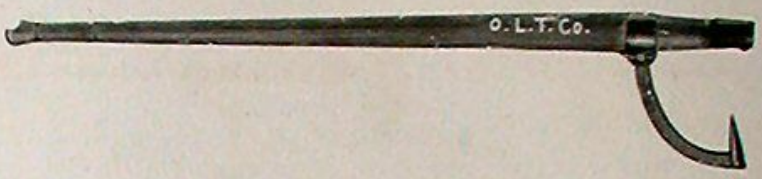
**We will send Duck Bill Hooks unless otherwise specified**

For Handles only, see pages 46-47

ORDER BY NUMBER

## MILL OR CARRIAGE CANT HOOK

A very light, strong tool, especially designed for use on the carriage where quick work is desired. For railroad and construction work it is unequalled. Equipped with Second Growth Rock Maple handles and Round or Duck Bill hooks.

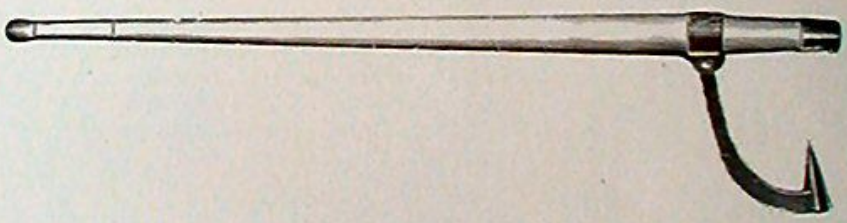



No. 282. 2¼x3 ft. handles, malleable clasp, weight 54 lbs., per doz. ..... $22.20
No. 283. 2¼x3½ ft. handles, malleable clasp, weight 58 lbs., per doz. ..... 22.65
No. 284. 2¼x4 ft. handles, malleable clasp, weight 62 lbs., per doz. ..... 22.90
No. 285. 2¼x3 ft. handles, steel clasp, weight 54 lbs., per doz. ..... 24.25
No. 286. 2¼x3½ ft. handles, steel clasp, weight 58 lbs., per doz. ..... 24.65
No. 287. 2¼x4 ft. handles, steel clasp, weight 62 lbs., per doz. ..... 24.95

**We will send Duck Bill Hooks unless otherwise specified.**

## TOP LOADERS CANT HOOK

This Cant Hook is very popular with expert top loaders in all parts of the country. It is fitted with extra heavy hand forged Diamond bill hook and select hickory or second growth maple handles.



### Second Growth Maple Handles

No. 288. 2½x4½ ft. handles, malleable clasp, weight 88 lbs., per doz. ..... $32.50
No. 289. 2½x4½ ft. handles, steel clasp, weight 87 lbs., per doz. ..... 35.00

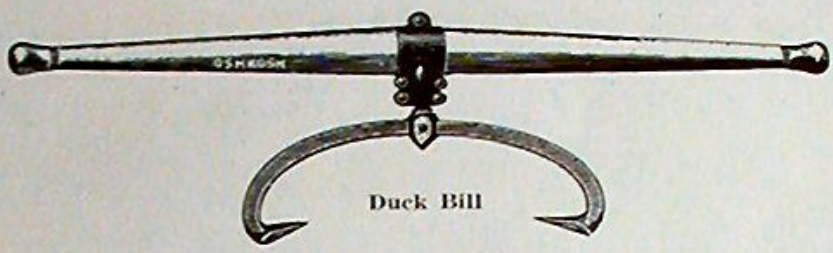
### Select Hickory Handles

No. 290. 2½x4½ ft. handles, malleable clasp, weight 98 lbs., per doz. ..... $36.00
No. 291. 2½x4½ ft. handles, steel clasp, weight 97 lbs., per doz. ..... 38.50

For Handles only, see pages 46-47.

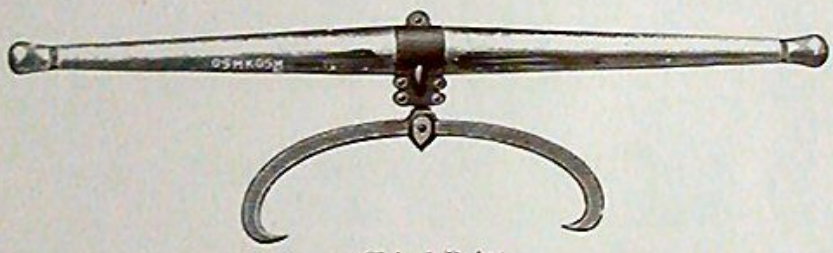
## TIMBER CARRIERS OR LUG HOOKS

For handling logs, timbers, etc., they have no equal. This tool will grapple anything from 3 to 16 inches, and is fitted with a ball and socket swivel to permit carrying timber through narrow passages. There is no hole through the handle to weaken it. Test these out and compare results with any others you have been using. Equipped with Select Rock Maple handles.




Duck Bill

No. 292. With 2½ in. x 4 ft. handles, weight 85 lbs., per doz. ..... $26.71
No. 293. With 2½ in. x 4½ ft. handles, weight 90 lbs., per doz. ..... 27.37
No. 294. With 2½ in. x 5 ft. handles, weight 95 lbs., per doz. ..... 28.00



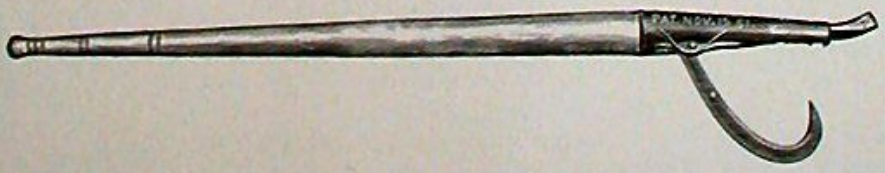

Chisel Point

No. 295. With 2½ in. x 4 ft. handles, weight 85 lbs., per doz. ..... $25.00
No. 296. With 2½ in. x 4½ ft. handles, weight 90 lbs., per doz. ..... 25.55
No. 297. With 2½ in. x 5 ft. handles, weight 95 lbs., per doz. ..... 26.16
No. 298. With 3 in. x 5 ft. handles, weight 145 lbs., per doz. ..... 35.83
No. 299. With 3 in. x 6 ft. handles, weight 155 lbs., per doz. ..... 38.75
No. 300. With 3 in. x 7 ft. handles, weight 165 lbs., per doz. ..... 42.00

The 3 inch are made with hand forged Steel Swivels.

## PATENT LANDING HOOK

This tool combines the features of the Cant Hook and Pinch Bar and is indispensable at landings for unloading, breaking rollways, starting sleds, etc. Equipped with Select Second Growth Rock Maple handles. Weight 115 lbs. per dozen.



No. 301. With 2½ in. x 4½ ft. handles, chisel point hooks, per doz. ..... $37.50
No. 302. With 2½ in. x 4½ ft. handles, duck bill hooks, per doz. ..... 37.50

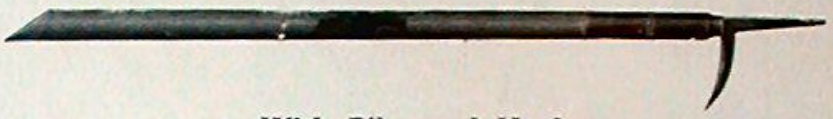
For Handles only, see page 47.

## PIKE POLES

Pikes are hand forged from hammered crucible cast steel and are screwed in. The ferrules are seamless and are cold drawn from polished steel. Handles are made from select second growth Ohio White Ash.

### With Pike Only

| | | Per Doz. | | | Per Doz. |
|---|---|---|---|---|---|
| No. 303. | 6 ft., weight 43 lbs... | $15.20 | No. 307. | 14 ft., weight 88 lbs.. | $25.50 |
| No. 304. | 8 ft., weight 51 lbs... | 16.50 | No. 308. | 16 ft., weight 100 lbs.. | 32.00 |
| No. 305. | 10 ft., weight 60 lbs... | 18.00 | No. 309. | 18 ft., weight 120 lbs.. | 42.00 |
| No. 306. | 12 ft., weight 75 lbs... | 20.75 | No. 310. | 20 ft., weight 130 lbs.. | 57.00 |



### With Pike and Hook

| | | Per Doz. | | | Per Doz. |
|---|---|---|---|---|---|
| No. 311. | 6 ft., weight 47 lbs... | $18.50 | No. 315. | 14 ft., weight 91 lbs.. | $28.50 |
| No. 312. | 8 ft., weight 56 lbs... | 20.00 | No. 316. | 16 ft., weight 105 lbs.. | 35.00 |
| No. 313. | 10 ft., weight 65 lbs... | 21.00 | No. 317. | 18 ft., weight 125 lbs.. | 45.00 |
| No. 314. | 12 ft., weight 80 lbs... | 23.75 | No. 318. | 20 ft., weight 135 lbs.. | 60.00 |

### With Pike and Socket in One Piece

| | | Per Doz. | | | Per Doz. |
|---|---|---|---|---|---|
| No. 319. | 6 ft., weight 44 lbs... | $15.25 | No. 323. | 14 ft., weight 89 lbs.. | $25.50 |
| No. 320. | 8 ft., weight 52 lbs... | 16.50 | No. 324. | 16 ft., weight 101 lbs.. | 32.00 |
| No. 321. | 10 ft., weight 61 lbs... | 18.00 | No. 325. | 18 ft., weight 122 lbs.. | 42.00 |
| No. 322. | 12 ft., weight 76 lbs... | 20.75 | No. 326. | 20 ft., weight 131 lbs.. | 57.00 |

### With Pike and Hook and Socket in One Piece

| | | Per Doz. | | | Per Doz. |
|---|---|---|---|---|---|
| No. 327. | 6 ft., weight 48 lbs... | $19.75 | No. 331. | 14 ft., weight 92 lbs.. | $29.75 |
| No. 328. | 8 ft., weight 57 lbs... | 21.25 | No. 332. | 16 ft., weight 106 lbs.. | 36.25 |
| No. 329. | 10 ft., weight 66 lbs... | 22.50 | No. 333. | 18 ft., weight 126 lbs.. | 46.25 |
| No. 330. | 12 ft., weight 81 lbs... | 25.00 | No. 334. | 20 ft., weight 136 lbs.. | 61.65 |

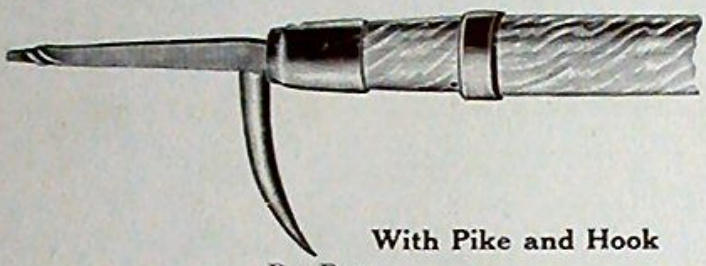
For Handles only, see page 48.

## HALF-BREED PIKE POLES

These are extra heavy Pike Poles, designed for heavy work. They are fitted with best screw pike, wrought iron rings and extra heavy Ohio White Ash handles.

### With Pike Only

| | | Per Doz. | | | Per Doz. |
|---|---|---|---|---|---|
| No. 335. | 10 ft., weight 95 lbs. | $27.50 | No. 337. | 14 ft., weight 115 lbs. | $34.70 |
| No. 336. | 12 ft., weight 105 lbs. | 30.00 | No. 338. | 16 ft., weight 130 lbs. | 40.00 |

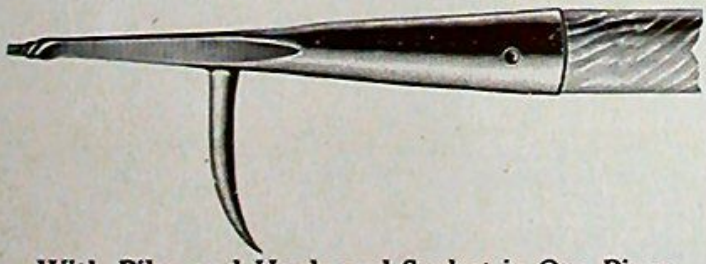


### With Pike and Hook

| | | Per Doz. | | | Per Doz. |
|---|---|---|---|---|---|
| No. 339. | 10 ft., weight 98 lbs. | $30.50 | No. 341. | 14 ft., weight 118 lbs. | $37.70 |
| No. 340. | 12 ft., weight 108 lbs. | 33.00 | No. 342. | 16 ft., weight 138 lbs. | 43.00 |

### With Pike and Socket in One Piece

| | | Per Doz. | | | Per Doz. |
|---|---|---|---|---|---|
| No. 343. | 10 ft., weight 96 lbs. | $27.50 | No. 345. | 14 ft., weight 116 lbs. | $34.70 |
| No. 344. | 12 ft., weight 106 lbs. | 30.00 | No. 346. | 16 ft., weight 136 lbs. | 40.00 |



### With Pike and Hook and Socket in One Piece

| | | Per Doz. | | | Per Doz. |
|---|---|---|---|---|---|
| No. 347. | 10 ft., weight 100 lbs. | $31.75 | No. 349. | 14 ft., weight 120 lbs. | $38.95 |
| No. 348. | 12 ft., weight 110 lbs. | 34.25 | No. 350. | 16 ft., weight 140 lbs. | 44.25 |

## BATEAU OR SETTING POLES

**Handles of White Ash, Polished Steel Rings**

**Pike and Square Stub or Pike at Each End**

No. 351. 12 ft., weight 78 lbs., per doz. ..... $31.50
No. 352. 14 ft., weight 93 lbs., per doz. ..... 37.00
No. 353. 16 ft., weight 105 lbs., per doz. ..... 45.00

ORDER BY NUMBER

## MILL PICKAROONS

For handling lumber and refuse in saw mills, pulpwood, railroad ties, telegraph poles, or ice. Pikes are hand forged from hammered crucible cast steel.

No. 354. With 2 ft. handles, pike and hook, weight 17 lbs., per doz.....$16.16
No. 355. With 3 ft. handles, pike and hook, weight 23 lbs., per doz..... 16.66

## LUMBER SORTERS' PICKAROONS

For handling and sorting lumber in the mill as it comes off the carriage, also for handling slabs or refuse.

No. 356. With 18 inch handle, weight 13 lbs., per doz.....$12.00

## AXE HANDLE HOOKAROONS

No. 357. Light picks, axe eye, weight 30 lbs., per doz.....$13.00
No. 358. Heavy picks, axe eye and drive head, weight 33 lbs., per doz..... 16.45

## HAND SPIKE

Pikes are forged from hammered crucible cast steel; handles are second growth maple or white ash.

No. 359. With 3 in. x 6 ft. handles, weight 120 lbs., per doz.....$30.00
No. 360. With 3 in. x 7 ft. handles, weight 130 lbs., per doz..... 33.00
No. 361. With 3 in. x 8 ft. handles, weight 140 lbs., per doz..... 40.00

## STARTING LEVER

For use in the woods, at landings and in mill yards, starting sleds, moving cars, timbers, etc. Pikes are made of hammered crucible steel and handles of second growth rock maple. Pikes are the same as in our Patent Landing Hook.

No. 362. With 4½ ft. handles, curved pike, weight 95 lbs., per doz.....$30.00
No. 363. With 5 ft. handles, curved pike, weight 115 lbs., per doz..... 31.00

## SWAMP HOOKS

The Hooks are made of hammered crucible cast steel and have heavy upset points. The rings and grab hooks are made of Norway iron.

**Flat**

No. 364. 1¼x½ inch flat steel, weight 60 lbs., per doz. ..... $30.00
No. 365. 1½x⅝ inch flat steel, weight 95 lbs., per doz. ..... 32.50
No. 366. 1¾x¾ inch flat steel, weight 150 lbs., per doz. ..... 37.50

**Octagon**

No. 367. 1 inch octagon steel, weight 70 lbs., per doz. ..... $30.00
No. 368. 1⅛ inch octagon steel, weight 85 lbs., per doz. ..... 32.50
No. 369. 1¼ inch octagon steel, weight 125 lbs., per doz. ..... 37.50

## LOADING HOOKS

Used for loading logs on sleds, wagons and cars.

**Flat**

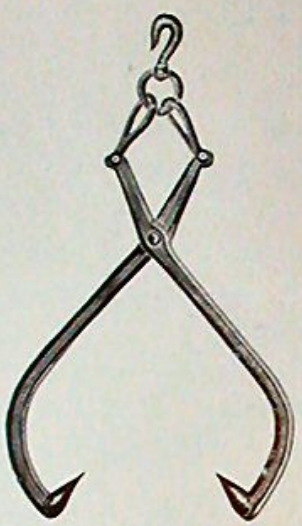
**Square**

No. 370. ⅞x½ inch flat steel, chisel point, weight 20 lbs., per doz. ..... $12.85
No. 371. ¾ inch square steel, round point, weight 30 lbs., per doz. ..... 15.00

ORDER BY NUMBER

## SKIDDING TONGS

These Skidding Tongs are made of the best hammered crucible cast steel. We make them with heavy upset points to give the maximum strength where the strain is greatest. They are fitted with clevises of the best Swede's iron.



Plain Swivel

Blind Swivel

### With Plain Swivel and Round or Grab Hook

No. 372. 1 inch octagon steel, to open 24 in., 192 lbs., per doz. ..... $71.05
No. 373. 1⅛ inch octagon steel, to open 28-32 in., 275 lbs., per doz. ..... 78.95
No. 374. 1¼ inch octagon steel, to open 32-36 in., 350 lbs., per doz. ..... 94.74
No. 375. 1½x⅝ inch flat steel, to open 28-32 in., 270 lbs., per doz. ..... 78.95

### With Ring Only—No Swivel Hook

No. 376. 1 inch octagon steel, to open 24 in., 187 lbs., per doz. ..... $67.11
No. 377. 1⅛ inch octagon steel, to open 28-32 in., 267 lbs., per doz. ..... 75.00
No. 378. 1¼ inch octagon steel, to open 32-36 in., 342 lbs., per doz. ..... 90.80
No. 379. 1½x⅝ inch flat steel, to open 28-32 in., 252 lbs., per doz. ..... 75.00

### With Blind Swivel and Grab Hook, Flattened Where Riveted

No. 380. 1 inch octagon steel, to open 24 in., 192 lbs., per doz. ..... $78.35
No. 381. 1⅛ inch octagon steel, to open 28-32 in., 275 lbs., per doz. ..... 86.00
No. 382. 1¼ inch octagon steel, to open 32-36 in., 350 lbs., per doz. ..... 102.00
No. 383. 1½x⅝ inch flat steel, to open 28-32 in., 270 lbs., per doz. ..... 86.00

### With Ring Only—No Swivel Hook

No. 384. 1 inch octagon steel, to open 24 in., 187 lbs., per doz. ..... $68.61
No. 385. 1⅛ inch octagon steel, to open 28-32 in., 267 lbs., per doz. ..... 76.50
No. 386. 1¼ inch octagon steel, to open 32-36 in., 342 lbs., per doz. ..... 92.30

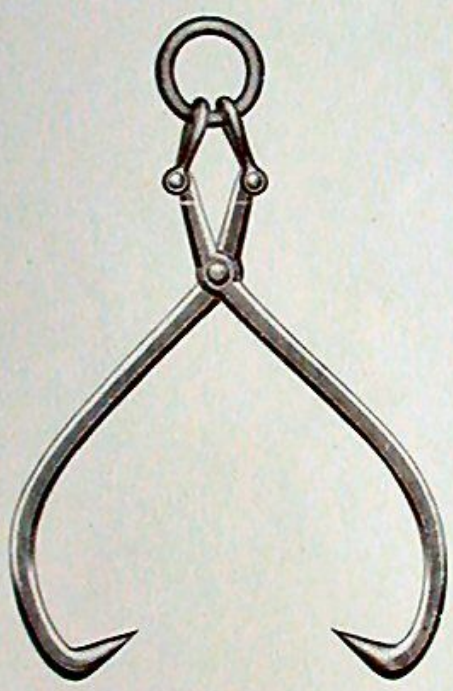
## GIANT SKIDDING TONGS

### No Swivel Hook

Our Giant Tongs are made of the best hammered crucible cast steel, with heavy upset points, and are flattened where riveted together. The rings and clevises are of Norway iron.

Swivel hook will be furnished when desired, at an additional charge.

Giant Tongs are always made to order and are not returnable.



| | | Per Pair |
|---|---|---|
| No. 387. | 1½ in. octagon steel, to open 32 in., weight 45 lbs. | $12.50 |
| No. 388. | 1½ in. octagon steel, to open 36 in., weight 48 lbs. | 13.15 |
| No. 389. | 1½ in. octagon steel, to open 42 in., weight 51 lbs. | 14.40 |
| No. 390. | 1½ in. octagon steel, to open 48 in., weight 54 lbs. | 15.00 |
| No. 391. | 1¾ in. octagon steel, to open 32 in., weight 65 lbs. | 18.75 |
| No. 392. | 1¾ in. octagon steel, to open 36 in., weight 70 lbs. | 20.00 |
| No. 393. | 1¾ in. octagon steel, to open 42 in., weight 75 lbs. | 21.25 |
| No. 394. | 1¾ in. octagon steel, to open 48 in., weight 80 lbs. | 22.50 |
| No. 395. | 2 in. octagon steel, to open 36 in., weight 83 lbs. | 29.00 |
| No. 396. | 2 in. octagon steel, to open 42 in., weight 95 lbs. | 31.00 |
| No. 397. | 2 in. octagon steel, to open 48 in., weight 103 lbs. | 33.25 |
| No. 398. | 2 in. octagon steel, to open 54 in., weight 112 lbs. | 35.50 |
| No. 399. | 1¾x¾ in. flat steel, to open 32 in., weight 26 lbs. | 10.50 |
| No. 400. | 1¾x¾ in. flat steel, to open 36 in., weight 31 lbs. | 11.10 |
| No. 401. | 1¾x¾ in. flat steel, to open 42 in., weight 38 lbs. | 12.25 |
| No. 402. | 2 x¾ in. flat steel, to open 36 in., weight 37 lbs. | 14.00 |
| No. 403. | 2 x¾ in. flat steel, to open 42 in., weight 43 lbs. | 14.40 |
| No. 404. | 2 x¾ in. flat steel, to open 48 in., weight 49 lbs. | 15.00 |

ORDER BY NUMBER

## Solid Steel Saw Wedges

**Improved Pattern**

These wedges are made of a high grade of open hearth carbon steel.

No. 405. 1 lb., per lb. ..... $0.16
No. 406. 1½—3 lbs., per lb. ..... .14

## Falling Wedges

These are 9 to 13 inches long, 2 to 4 inches wide at the bit and 1¼ inches thick at the head. They are made of a solid cast steel in weights from 5 to 10 lbs.

No. 407. Per lb. ..... $0.20

## Saw Wedge Hammer

This hammer is used for driving saw wedges or as a striking hammer. It is forged from solid cast steel with an eye to fit a sledge handle. Commonly made to weigh 3 to 4½ lbs.

No. 408. Per lb. ..... $0.20

## Lake Superior Axe Wedge

Per Doz.

No. 409. Malleable, weight 4 oz. each... $0.90

## Wood Choppers' Wedges

**Regular Pattern**

No. 410. Solid tool steel, 4 to 6 lbs., per lb. ..... $0.12

**Truckee Pattern**

No. 411. Solid Bessemer steel, 4 to 6 lbs., per lb. ..... .18

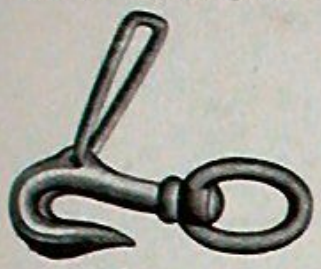
## Logging Dogs

These dogs are made from ¾x2 inch crucible steel. The ring is 2 inches in diameter, made from ¾ inch Swede's iron. Length, 11 inches. An exceptionally strong device which will get a solid hold and hang on.

No. 412. Without ring, 88 lbs., per doz. $22.00
No. 413. With ring, 99 lbs., per doz. .... 25.00

## EVENER SWIVEL HOOKS

Fitted with large hand rings—useful for all skidding operations.



Common

Blind

No. 414. Common Evener Swivel Grab Hook, made of 1 in. steel, with ⅝ in. ring, weight 46 lbs., per dozen.....$17.50

No. 415. Blind Swivel with 4½ in. hand ring, weight 44 lbs., per dozen..... 19.50

## SWIVEL HOOKS AND RINGS

### Common Swivel.

No. 416. Swivel Round Hook, 1 in. steel with ⅝ in. ring, weight 3 lbs., per dozen.....$12.00

No. 417. Swivel Grab Hook, 1 in. steel with ⅝ in. ring, weight 2½ lbs., per dozen..... 12.00

### Blind Swivel.

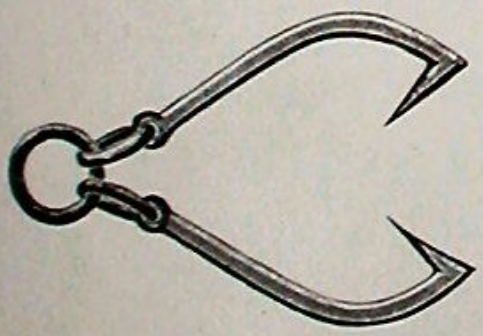
No. 418. For 1 and 1⅛ in. oct. tongs, hook ⅞ in. sq. iron, ⅝ in ring, 47 lbs., per dozen..$17.00

No. 419. For 1¼ in. oct. tongs, hook 1 in. sq. iron, ¾ in. ring, 57 lbs., per dozen..... 20.00

No. 420. For 1⅜ in. oct. tongs, hook 1⅛ in. sq. iron, ⅞ in. ring, 84 lbs., per dozen..... 27.50

No. 421. For 1½ in. oct. tongs, hook 1¼ in. sq. iron, 1 in. ring, 132 lbs., per dozen..... 45.00

No. 422. For 1⅝ in. oct. tongs, hook 1½ in. sq. iron, 1⅛ in. ring, 168 lbs., per dozen..... 65.00



### Grapple Hooks

Made of hammered crucible cast steel with heavy upset points.

| | | Per Doz. |
|---|---|---|
| No. 423. | ¾ in octagon steel, 90 lbs.. | $38.00 |
| No. 424. | 1 in. octagon steel, 120 lbs.. | 43.40 |
| No. 425. | 1⅛ in. octagon steel, 145 lbs.. | 48.70 |
| No. 426. | 1¼ in. octagon steel, 195 lbs.. | 56.60 |

### Joist Tongs

| | | |
|---|---|---|
| No. 427 | ⅞ x ½ in. flat steel, 55 lbs.... | $32.50 |
| No. 428. | 1 in. octagon steel, 130 lbs.... | 45.00 |
| No. 429. | 1⅛ in. octagon steel, 160 lbs.. | 65.00 |

## CHAIN HOOKS AND COLD SHUTS

Our Chain Hooks and Cold Shuts are made of a high grade of open hearth carbon steel, which is very strong and tough.

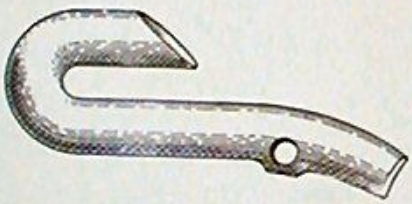
### Grab Hook

| No. | | Per 100 pc. |
|---|---|---|
| 430. | For ¼ in. chain, weight 40 lbs... | $10.00 |
| 431. | For 5/16 in. chain, weight 56 lbs... | 13.00 |
| 432. | For ⅜ in. chain, weight 90 lbs... | 18.30 |
| 433. | For 7/16 in. chain, weight 135 lbs... | 22.50 |
| 434. | For ½ in. chain, weight 175 lbs... | 31.70 |
| 435. | For ⅝ in. chain, weight 290 lbs... | 50.00 |
| 436. | For ¾ in. chain, weight 410 lbs... | 66.50 |
| 437. | For ⅞ in. chain, weight 540 lbs... | 130.00 |
| 438. | For 1 in. chain, weight 1000 lbs... | 250.00 |

### Round Hook

| No. | | Per 100 pc. |
|---|---|---|
| 440. | For ¼ in. chain, weight 30 lbs... | $10.00 |
| 441. | For 5/16 in. chain, weight 50 lbs... | 13.00 |
| 442. | For ⅜ in. chain, weight 85 lbs... | 18.30 |
| 443. | For 7/16 in. chain, weight 120 lbs... | 22.50 |
| 444. | For ½ in. chain, weight 150 lbs... | 31.70 |
| 445. | For ⅝ in. chain, weight 240 lbs... | 50.00 |
| 446. | For ¾ in. chain, weight 390 lbs... | 66.50 |
| 447. | For ⅞ in. chain, weight 620 lbs... | 130.00 |
| 448. | For 1 in. chain, weight 900 lbs... | 250.00 |

### Corner Bind Hooks



Without Ring

| No. | | Per Doz. |
|---|---|---|
| 451. | 1¼ x ⅝ oval steel, weight 22 lbs... | $ 5.50 |
| 452 | 1¼ x ⅝ flat steel, weight 22 lbs.... | 5.50 |
| 453. | 1½ x ½ flat steel, weight 25 lbs.... | 7.50 |

With Ring

| No. | | Per Doz. |
|---|---|---|
| 454. | 1¼ x ⅝ oval steel, weight 24 lbs... | 7.00 |
| 455. | 1¼ x ⅝ flat steel, weight 24 lbs.... | 7.00 |
| 456. | 1½ x ½ flat steel, weight 27 lbs.... | 9.00 |

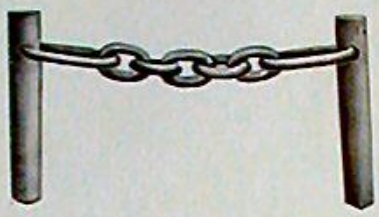
### Cold Shuts, With Full End

Will be furnished with shoulder if desired. These cold shuts are in every way equal to Swede's or Norway iron. They are made of dead soft steel, double annnealed.

| No. | | Per 100 |
|---|---|---|
| 457. | For ¼ in. chain, weight 6 lbs.. | $ 2.65 |
| 458. | For 5/16 in. chain, weight 10 lbs.. | 3.50 |
| 459. | For ⅜ in. chain, weight 16 lbs.. | 4.20 |
| 460. | For 7/16 in. chain, weight 25 lbs.. | 5.00 |
| 461. | For ½ in. chain, weight 38 lbs.. | 7.50 |
| 462. | For ⅝ in. chain, weight 68 lbs.. | 11.00 |
| 463. | For ¾ in. chain, weight 130 lbs.. | 21.65 |
| 464. | For ⅞ in. chain, weight 210 lbs.. | 35.00 |
| 465. | For 1 in. chain, weight 320 lbs.. | 53.35 |
| 466. | For 1⅛ in. chain, weight 420 lbs.. | 87.00 |

## CHAIN RAFTING DOGS

The dogs are made of 1 or 1⅛x⅜ refined iron 6½ inches long. They are connected by five links of 7/16 inch tested steel chain with ⅜ inch links on each end. Special sizes made to order.



No. 467. Chain Rafting Dogs, weight 185 lbs., per 100 ..... $25.00

## RING DOGS

No. 468. Small, ¾ in. square steel, 6 in. long, with 2 in. ring, 90 lbs., per 100 ..... $18.00

No. 469. Medium, ⅞ in. square steel, 6 in. long, with 2½ in. ring, 120 lbs., per 100 ..... 21.00

No. 470. Large, 1 in. square steel, 6 in. long, with 3 in. ring, 150 lbs., per 100 ..... 24.00

**We also make flat dogs of any size to order.**

## SOLID EYE DOGS

These are used with chain or rope for rafting in rapid water.

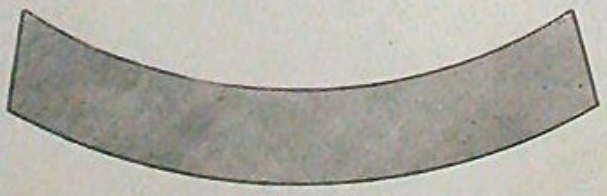
No. 471. 7/16 in. iron, 6 in. long, 1¼ in. eye, 38 lbs., per 100 ..... $12.00

No. 472. ½ in. iron, 6 in. long, 1¼ in. eye, 55 lbs., per 100 ..... 14.00

No. 473. ⅝ in. iron, 6 in. long, 1½ in. eye, 90 lbs., per doz. ..... 18.00

No. 474. ¾ in. iron, 7 in. long, 1½ in. eye, 150 lbs., per 100 ..... 25.00

## SLEIGH SHOE STEEL



### Concave

No. 475. Bars, 2 to 4 in. wide by ⅜ to ½ in. thick (all lengths), per lb. ... $.....

No. 476. Shoes, shaped, polished and drilled complete (above sizes), per lb. .....

### Convex

No. 477. Bars, 3 to 4 in. wide by ⅝ to ¾ in. thick (all lengths), per lb. ... $.....

No. 478. Shoes, shaped, polished and drilled complete (above sizes), per lb. .....

# EXTRA PARTS FOR LOGGING TOOLS

## Hooks for Peavies and Cant Hooks

Forged from hammered crucible cast steel, with heavy upset points. We measure hooks from throat to center of bolt hole.

### Duck Bill Hooks

| No. | | Per Doz. |
|---|---|---|
| 479. | ⅞ x 7/16 for 2¼ in. tools, 20 lbs. | $11.00 |
| 480. | 1 x 7/16 for 2½ in. tools, 23 lbs. | 12.50 |
| 481. | 1 x ½ for 2¾ in. tools, 27 lbs. | 15.00 |
| 482. | 1⅛ x ½ for 3 in. tools, 35 lbs. | 17.50 |
| 483. | 1¼ x ½ for 3 in. tools, 38 lbs. | 21.00 |
| 484. | 1½ x ½ for 3 in. tools, 42 lbs. | 25.00 |

### Round Bill Hooks

| No. | | Per Doz. |
|---|---|---|
| 485. | ⅞ x 7/16 for 2¼ in. tools, 20 lbs. | $11.00 |
| 486. | 1 x 7/16 for 2½ in. tools, 23 lbs. | 12.50 |
| 487. | 1 x ½ for 2¾ in. tools, 27 lbs. | 15.00 |
| 488. | 1¼ x ½ for 3 in. tools, 35 lbs. | 17.50 |

### Chisel Point Hooks

| No. | | Per Doz. |
|---|---|---|
| 489. | ⅞ x 7/16 for 2¼ in. tools, 19 lbs. | $ 9.50 |
| 490. | 1 x 7/16 for 2½ in. tools, 22 lbs. | 10.75 |
| 491. | 1 x ½ for 2¾ in. tools, 26 lbs. | 12.50 |

### Diamond Head Loaders' Hook

Made of tool steel with extra heavy head for top loaders' use.

| No. | | Per Doz. |
|---|---|---|
| 492. | 1 x ½ in., weight 27 lbs. | $17.50 |
| 493. | 1⅛ x ½ in., weight 35 lbs. | 20.00 |
| 494. | 1¼ x ½ in., weight 38 lbs. | 22.50 |

## EXTRA PARTS—Continued

### Malleable Cant Hook Clasp

**Without Bolts**

No. 485. 2¼ in., weight 10 lbs., per doz. $4.75
No. 496. 2½ in., weight 12 lbs., per doz. 5.00
No. 497. 2¾ in., weight 16 lbs., per doz. 5.75
No. 498. 3 in., weight 18 lbs., per doz. 7.00

### Forged Steel Cant Hook Clasp

**Without Bolts.**

No. 499. 2¼ in., weight 9 lbs., per doz. $7.50
No. 500. 2½ in., weight 11 lbs., per doz. 7.75
No. 501. 2¾ in., weight 15 lbs., per doz. 8.30
No. 502. 3 in., weight 17 lbs., per doz. 9.50

### Cant Hook Clips

**Improved pattern, for all size tools**

No. 508

No. 503. Malleable iron, 8 lbs., per doz. $2.25
No. 504. Forged steel, 8 lbs., per doz.. 3.00

No. 510

**Heavy Broad Pattern**

No. 505. 5 in., weight 10 lbs., per doz.. 2.25

### Lug Hook Clasp and Swivel

No. 506. Ball and Socket Joint, weight 24 lbs., per dozen.....$12.50

### Cant Hook and Peavey Bolts

**Square Head and Nut**

**Square shoulder**

No. 507. 7/16x1⅝ in., weight 11 lbs..... $5.60
No. 508. 7/16x2 in., weight 12 lbs..... 6.20

**No Shoulder—For Steel Sockets**

No. 509. 1⅝x7/16, weight 11 lbs., per 100. $6.50

**Hexagon head and nut, square shoulder**

No. 510. 1¾x7/16, weight 11½ lbs., per 100 $6.50

### Malleable Short Toe Rings

**For all size tools**

Per Doz.
No. 511. Badger, 1½ in. long, 3½ lbs.. $1.50
No. 512. Southern, 2¼ in. long, 4 lbs.. 1.50

### Malleable Extension Toe Rings

**For all size tools—state size**

No. 513. Weight 5 lbs., per doz..... $2.50

### Forged Steel Toe Rings

**For all size tools**

No. 514. Weight 3 lbs., per doz..... $2.90

## EXTRA PARTS—Continued

### Malleable Peavey Sockets

**Either Solid or Split, No Bolts**

No. 515. For 2¼ in. tools, weight 24 lbs., per dozen.....$ 9.50
No. 516. For 2½ in. tools, weight 30 lbs., per dozen..... 10.00
No. 517. For 2¾ in. tools, weight 33 lbs., per dozen..... 11.25
No. 518. For 3 in. tools, weight 36 lbs., per dozen..... 12.50

### Forged Steel Peavey Sockets

**Socket, Pick and Clasp in One Piece**

No. 519. For 2¼ in. tools, weight 26 lbs., per dozen.....$22.40
No. 520. For 2½ in. tools, weight 32 lbs., per dozen..... 23.00
No. 521. For 2¾ in. tools, weight 35 lbs., per dozen..... 24.15
No. 522. For 3 in. tools, weight 38 lbs., per dozen..... 25.30

### Peavey Picks

No. 523. For 2¼ and 2½ in. tools, weight 15 lbs., per doz.$ 7.75
No. 524. For 2¾ and 3 in. tools, weight 18 lbs., per doz. 8.25

### Landing Hook Pikes

No. 525. Weight 18 lbs., per doz..$11.50

### Pike Pole Pikes

No. 526. Pike Pole Pike, weight 8 lbs., per dozen.....$ 6.25
No. 527. Halfbreed Pike, weight 10 lbs., per dozen..... 7.50

### Pike and Socket Combined

No. 528 Regular Pike and Socket, weight 10 lbs., per doz.$10.75
No. 529. Halfbreed Pike and Socket, weight 10 lbs., per doz..... 12.00

## EXTRA PARTS—Continued

### Pike and Hook

No. 530. Regular Pike and Hook, weight 10 lbs., per doz. $10.00

No. 531. Halfbreed Pike and Hook, weight 12 lbs., per doz. 12.00

### Pike, Hook and Socket Combined

No. 532. Regular Pike, Hook and Socket, weight 12 lbs., per doz. ..... $15.00

No. 533. Halfbreed Pike, Hook and Socket, weight 14 lbs., per doz. ..... 17.00

### Mill Pickaroon Pike

No. 534. Pike and Hook, weight 8 lbs., per doz. ..... $10.00

### Pike Pole Rings

No. 535. Regular Pike Pole Rings, weight 3 lbs., per doz. sets ..... $ 4.50

No. 536. Halfbreed Rings, weight 3 lbs., per doz. sets.... 4.50

Regular Ferrules are 6 in. long over all and 1⅝ in. in diameter at wide end.

### Heads for Axe Handle Hookaroons

No. 537. Light, with Axe Eye, weight 18 lbs., per doz. $ 8.00

No. 538. Heavy, with Axe Eye, weight 22 lbs., per doz. 11.65

## REGULAR MAPLE CANT HOOK AND PEAVEY HANDLES

Our maple handles are turned with great care from select timber, nicely sanded, polished and put up in bundles of one-half dozen. An additional charge is made for crating.

| | | |
|---|---|---|
| No. 539. | 2¼ in. x 3 ft., 29 lbs., per doz. | $ 2.50 |
| No. 540. | 2¼ in. x 3½ ft., 31 lbs., per doz. | 2.75 |
| No. 541. | 2¼ in. x 4 ft., 33 lbs., per doz. | 3.10 |
| No. 542. | 2¼ in. x 4½ ft., 35 lbs., per doz. | 3.40 |
| No. 543. | 2¼ in. x 5 ft., 37 lbs., per doz. | 3.80 |
| No. 544. | 2½ in. x 4 ft., 40 lbs., per doz. | 3.10 |
| No. 545. | 2½ in. x 4½ ft., 45 lbs., per doz. | 3.40 |
| No. 546. | 2½ in. x 5 ft., 50 lbs., per doz. | 3.80 |
| No. 547. | 2½ in. x 5½ ft., 55 lbs., per doz. | 4.20 |
| No. 548. | 2½ in. x 6 ft., 60 lbs., per doz. | 4.60 |
| No. 549. | 2¾ in. x 4½ ft., 53 lbs., per doz. | 4.20 |
| No. 550. | 2¾ in. x 5 ft., 58 lbs., per doz. | 4.60 |
| No. 551. | 2¾ in. x 5½ ft., 65 lbs., per doz. | 5.00 |
| No. 552. | 2¾ in. x 6 ft., 70 lbs., per doz. | 5.40 |
| No. 553. | 3 in. x 5 ft., 70 lbs., per doz. | 5.40 |
| No. 554. | 3 in. x 5½ ft., 80 lbs., per doz. | 5.80 |
| No. 555. | 3 in. x 6 ft., 90 lbs., per doz. | 6.20 |

Above prices are for handles not bored; if wanted bored for Peavey Pick, add 15c net per doz.

## SECOND GROWTH MAPLE CANT HOOK AND PEAVEY HANDLES

Made from timber split out by hand and air seasoned under cover. They are strictly straight grained, hand turned and carefully selected. These handles are considered far superior to hickory. They are highly polished and waxed and have burnt rings.

| | | |
|---|---|---|
| No. 556. | 2¼ in. x 3 ft., 30 lbs., per doz. | $ 5.10 |
| No. 557. | 2¼ in. x 3½ ft., 32 lbs., per doz. | 5.30 |
| No. 558. | 2¼ in. x 4 ft., 34 lbs., per doz. | 5.50 |
| No. 559. | 2¼ in. x 4½ ft., 36 lbs., per doz. | 5.80 |
| No. 560. | 2¼ in. x 5 ft., 38 lbs., per doz. | 6.20 |
| No. 561. | 2½ in. x 4 ft., 41 lbs., per doz. | 5.50 |
| No. 562. | 2½ in. x 4½ ft., 46 lbs., per doz | 5.80 |
| No. 563. | 2½ in. x 5 ft., 51 lbs., per doz. | 6.20 |
| No. 564. | 2½ in. x 5½ ft., 56 lbs., per doz. | 6.60 |
| No. 565. | 2¾ in. x 4½ ft., 54 lbs., per doz. | 6.60 |
| No. 566. | 2¾ in. x 5 ft., 59 lbs., per doz. | 7.00 |
| No. 567. | 2¾ in. x 5½ ft., 66 lbs., per doz. | 7.40 |
| No. 568. | 3 in. x 5 ft., 71 lbs., per doz. | 7.80 |
| No. 569. | 3 in. x 5½ ft., 81 lbs., per doz. | 8.20 |
| No. 570. | 3 in. x 6 ft., 91 lbs., per doz. | 8.60 |

Above prices are for handles not bored; if wanted bored for Peavey Pick, add 15c net per dozen.

## HICKORY CANT HOOK AND PEAVEY HANDLES

Our hickory handles are carefully turned from select timber, nicely sanded, highly polished and put up in bundles of one-half dozen each. An additional charge is made for crating.

| | | |
|---|---|---|
| No. 572. | 2¼ in. x 4 ft., 38 lbs., per doz. | $ 5.00 |
| No. 573. | 2¼ in. x 4½ ft., 40 lbs., per doz | 5.50 |
| No. 574. | 2¼ in. x 5 ft., 42 lbs., per doz. | 5.90 |
| No. 575. | 2½ in. x 4 ft., 45 lbs., per doz. | 5.00 |
| No. 576. | 2½ in. x 4½ ft., 50 lbs., per doz. | 5.50 |
| No. 577. | 2½ in. x 5 ft., 55 lbs., per doz. | 5.90 |
| No. 578. | 2½ in. x 5½ ft., 60 lbs., per doz. | 6.30 |
| No. 579. | 2½ in. x 6 ft., 65 lbs., per doz. | 6.70 |
| No. 580. | 2¾ in. x 4½ ft., 60 lbs., per doz. | 6.50 |
| No. 581. | 2¾ in. x 5 ft., 65 lbs., per doz. | 6.90 |
| No. 582. | 2¾ in. x 5½ ft., 70 lbs., per doz. | 7.30 |
| No. 583. | 2¾ in. x 6 ft., 75 lbs., per doz. | 7.70 |
| No. 584. | 3 in. x 5 ft., 75 lbs., per doz | 7.90 |
| No. 585. | 3 in. x 5½ ft., 85 lbs., per doz | 8.30 |
| No. 586. | 3 in. x 6 ft., 95 lbs., per doz. | 8.70 |

Above prices are for handles not bored; if wanted bored for Peavey Picks add 15c net per dozen.

### Extra Select Hickory Cant Hook and Peavey Handles

The highest grade hickory handle made, highly polished and finished with burnt rings.

| | | |
|---|---|---|
| No. 587. | 2¼ in. x 4 ft., 39 lbs., per doz. | $ 8.50 |
| No. 588. | 2¼ in. x 4½ ft., 41 lbs., per doz. | 9.10 |
| No. 589. | 2¼ in. x 5 ft., 56 lbs., per doz. | 9.40 |
| No. 590. | 2½ in. x 4 ft., 46 lbs., per doz. | 8.50 |
| No. 591. | 2½ in. x 4½ ft., 51 lbs., per doz. | 9.10 |
| No. 592. | 2½ in. x 5 ft., 56 lbs., per doz. | 9.40 |

Prices are for handles not bored; if wanted bored for Peavey Picks, add 15c net per dozen.

## TIMBER CARRIER OR LUG HOOK HANDLES

| | | |
|---|---|---|
| No. 593. | 4 ft. long, rock maple, 40 lbs., per doz. | $ 4.00 |
| No. 594. | 4½ ft. long, rock maple, 45 lbs., per doz. | 4.50 |
| No. 595. | 5 ft. long, rock maple, 50 lbs., per doz. | 5.00 |

## WHITE ASH PIKE POLE HANDLES

**Made from Select Second Growth Ohio White Ash**

1⅝ inches in diameter

| | | Per Doz. | | | Per Doz. |
|---|---|---|---|---|---|
| No. 596. | 4½ ft. long, 25 lbs... | $ 5.50 | No. 601. | 14 ft. long, 75 lbs.... | $13.75 |
| No. 597. | 6 ft. long, 31 lbs... | 7.00 | No. 602. | 16 ft. long, 90 lbs.... | 17.50 |
| No. 598. | 8 ft. long, 38 lbs... | 9.00 | No. 603. | 18 ft. long, 110 lbs.... | 25.00 |
| No. 599. | 10 ft. long, 48 lbs... | 10.60 | No. 604. | 20 ft. long, 120 lbs.... | 37.50 |
| No. 600. | 12 ft. long, 65 lbs... | 11.25 | | | |

## HALF-BREED PIKE POLE HANDLES

These are extra heavy second growth white ash handles, 1⅞ in. in diameter.

| | | Per Doz. | | | Per Doz. |
|---|---|---|---|---|---|
| No. 605. | 10 ft. long, 80 lbs..... | $14.00 | No. 607. | 14 ft. long, 100 lbs.... | $18.00 |
| No. 606. | 12 ft. long, 90 lbs..... | 15.00 | No. 608. | 16 ft. long, 120 lbs.... | 22.50 |

## HAND SPIKE HANDLES

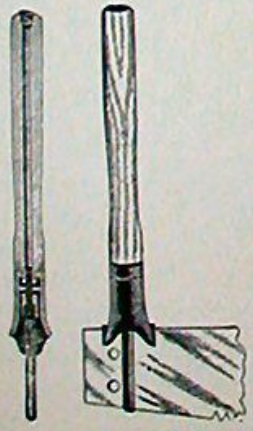
**Second Growth Rock Maple, Bored**

No. 609. 3 in. x 6 ft., 91 lbs., per dozen..... $ 6.20
No. 610. 3 in. x 7 ft., 102 lbs., per dozen..... 10.00
No. 611. 3 in. x 8 ft., 115 lbs., per dozen..... 15.00

## BARK SPUD HANDLES

**Made of Select Maple, 12 inches Long (exclusive of Socket)**

No. 612. Weight 10 lbs., per dozen..... $ 1.50



## OSHKOSH CROSS CUT SAW HANDLES

We have devised a Cross Cut Saw Handle that is bound to please because it is strong, easily attached and cheap.

Notice the bolt. It passes through the entire length of the handle, giving it great strength.

Considering annoyance and loss of time due to replacing broken handles, a poor handle is a good deal more expensive.

No. 613. Per pair, list price..... $ 0.50
(50 pair in a case, weighing 135 lbs.)

ORDER BY NUMBER

## LUMBERMEN'S AXE HANDLES

### Swamp Oak, Hand Shaved and Waxed

These handles do not warp like hickory and are more durable.

| | | |
|---|---|---|
| No. 614. | 36 in. genuine oak, double bit | $ 5.00 |
| No. 615. | 36 in. genuine oak, single bit, straight | 5.00 |
| No. 616. | 36 in. genuine oak, single bit, crooked | 5.00 |

### Second Growth Hickory, Hand Shaved and Waxed

| | | |
|---|---|---|
| No. 617. | 36 in. XXXXXX hickory, double bit | $ 6.40 |
| No. 618. | 36 in. XXXXXX hickory, single bit, straight | 6.40 |
| No. 619. | 36 in. XXXXXX hickory, single bit, crooked | 6.40 |

### Second Growth Hickory, Turned and Waxed

| | | |
|---|---|---|
| No. 620. | 36 in. XXXX hickory, double bit | $ 5.25 |
| No. 621. | 36 in. XXXX hickory, single bit, straight | 5.25 |
| No. 622. | 36 in. XXXX hickory, single bit, crooked | 5.25 |
| No. 623. | 36 in. Excelsior hickory, double bit | 4.35 |
| No. 624. | 36 in. Excelsior hickory, single bit, straight | 4.35 |
| No. 625. | 36 in. Excelsior hickory, single bit, crooked | 4.35 |

## SLEDGE AND SPIKE MAUL HANDLES

| | Inches | 24 | 30 | 32 | 34 | 36 |
|---|---|---|---|---|---|---|
| No. 626. | Extra hickory | $2.40 | $3.00 | $3.00 | $3.50 | $3.50 |
| No. 627. | No. 1 hickory | 2.00 | 2.40 | 2.40 | 2.90 | 2.90 |

Please specify size desired.

## BLACKSMITHS' HAMMER HANDLES

| | Inches | 14 | 16 | 18 | 20 |
|---|---|---|---|---|---|
| No. 628. | Select hickory, turned, per doz. | $1.00 | $1.15 | $1.30 | $1.50 |

## MISCELLANEOUS HANDLES

We carry an exceptionally fine stock of thick dry rock maple, elm, Douglass fir, and hickory, and will gladly quote prices on any kind of handles or wood parts. Send us your specifications, showing the size and quantity desired, and with our facilities we believe you will find our prices very attractive.

## RAILROAD PICK AND MATTOCK HANDLES

No. 629. Extra hickory, per dozen.....$ 5.40
No. 630. No. 1 hickory, per dozen..... 4.60

## MAPLE HAND SPIKE BARS

## MAPLE CAPSTAN BARS

| | Length | 4 | 4½ | 5 | 5½ | 6 | 7 | 8 ft. |
|---|---|---|---|---|---|---|---|---|
| No. 631. | Hand Spike Bars, per doz.... | $6.00 | 6.50 | 7.20 | 7.90 | 8.80 | 12.60 | 16.00 |
| No. 632. | Capstan Bars, per doz..... | 6.00 | 6.50 | 7.20 | 7.90 | 8.80 | ..... | ..... |

Six feet and longer are 3 inches in diameter. Shorter lengths have diameter in proportion. **In ordering state size and length wanted.**

## ROPE LADDER ROUNDS

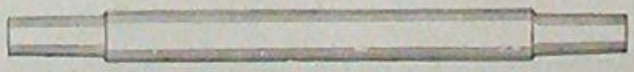
These rounds are made of strictly select maple or hickory, and will stand any reasonable strain. We make them in all sizes and shapes, nicely turned and true to pattern.

Common size 21 inches long by 1⅛ inches diameter.

No. 633. Maple, per thousand .....$60.00

## MINE LADDER ROUNDS

Made of rock elm and maple.



Any size or pattern. Send us your specifications, showing the quantity, size and pattern desired and we will gladly quote you prices.

We have facilities for turning out trolley poles, ore dock poles, mining rollers, etc., to your specifications.

## SELECT HICKORY WAGON WOODS

No. 634. 3 x48 in. Neck-yoke Woods, 76 lbs., per dozen.....$ 8.40
No. 635. 2⅞x44 in. Neck-yoke Woods, 62 lbs., per dozen..... 7.50
No. 636. 2¾x42 in. Neck-yoke Woods, 48 lbs., per dozen..... 5.50
No. 637. 2⅝x38 in. Neck-yoke Woods, 38 lbs., per dozen..... 4.50

No. 638. 3 x40 in. oval Singletree Woods, 60 lbs., per dozen.....$ 5.20
No. 639. 3 x38 in. oval Singletree Woods, 54 lbs., per dozen..... 4.80
No. 640. 2¾x38 in. oval Singletree Woods, 50 lbs., per dozen..... 4.20
No. 641. 2⅝x36 in. oval Singletree Woods, 36 lbs., per dozen..... 3.60

## SELECT HICKORY EVENER WOODS

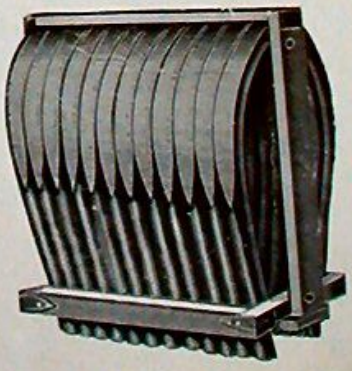
No. 642. 2½x5½x54 in., 205 lbs., per dozen .....$15.00
No. 643. 2½x5 x54 in., 197 lbs., per dozen ..... 14.20
No. 644. 2¼x5 x52 in., 175 lbs., per dozen ..... 12.50
No. 645. 2¼x5 x50 in., 165 lbs., per dozen ..... 11.80
No. 646. 2¼x5 x48 in., 155 lbs., per dozen ..... 11.25
No. 647. 2¼x4½x48 in., 150 lbs., per dozen ..... 10.70
No. 648. 2 x4½x48 in., 125 lbs., per dozen ..... 9.00

## OX BOWS

Made of select hickory in No. 1 quality only.

No. 649. 2 in. in diam., 60 lbs., per doz....$12.00
No. 650. 2¼ in. in diam., 75 lbs., per doz.... 16.00

Price is per dozen single pieces, not pairs.



## NECK-YOKES, Ironed

We carry on hand a large supply of Neck-yokes, Whiffletrees and Eveners, ironed complete, made from select stock. They are especially adapted to use in the woods and around mill yards where a better article is desired than is usually supplied by the trade.

XXX quality. Equipped with hand made irons and long center plates.

No. 651. 3 x48 in. hickory, ironed, weight 260 lbs., per dozen.....$39.60
No. 652. 2¾x42 in. hickory, ironed, weight 185 lbs., per dozen..... 36.00

XX quality. Equipped with regular irons and short center plates riveted on.

No. 653. 3 x48 in. hickory, ironed, weight 264 lbs., per dozen.....$19.80
No. 654. 2⅞x44 in. hickory, ironed, weight 242 lbs., per dozen..... 17.50
No. 655. 2¾x42 in. hickory, ironed, weight 192 lbs., per dozen..... 14.35
No. 656. 2⅝x38 in. hickory, ironed, weight 164 lbs, per dozen..... 13.35

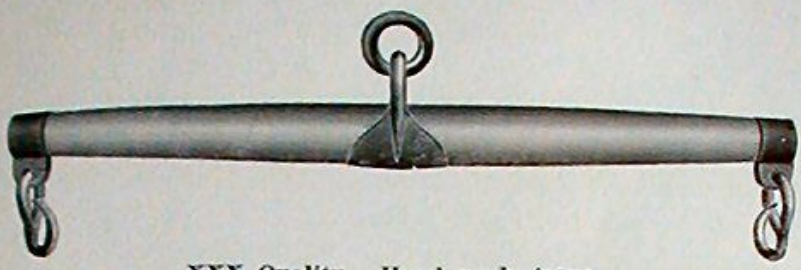
## EVENERS

Made of select hickory, with hand forged clevises and staples.

No. 657. 2½x5½x54 in., ironed complete, weight 23 lbs., each.....$ 3.50
No. 658. 2½x5 x54 in., ironed complete, weight 22 lbs., each..... 3.40
No. 659. 2¼x5 x52 in., ironed complete, weight 22 lbs., each..... 3.00
No. 660. 2¼x5 x50 in., ironed complete, weight 21 lbs., each..... 2.90
No. 661. 2¼x5 x48 in., ironed complete, weight 20 lbs., each..... 2.80
No. 662. 2¼x4½x48 in., ironed complete, weight 18 lbs., each..... 2.70
No. 663. 2 x4½x48 in., ironed complete, weight 16 lbs., each..... 2.50

## WHIFFLETREES, Ironed

Straight pull. Select hickory.

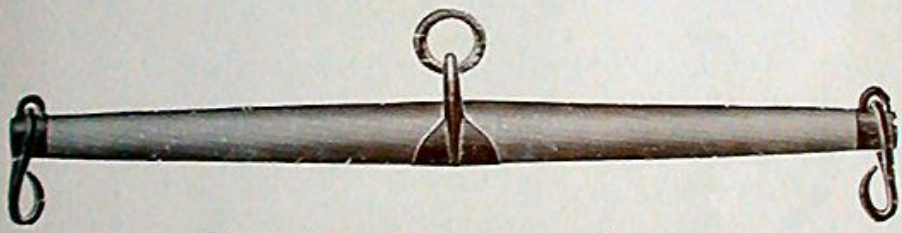


**XXX Quality. Hand made irons.**

No. 664. 3 x40 in., complete, per dozen ..... $18.00
No. 665. 3 x38 in., complete, per dozen ..... 17.10
No. 666. 2¾x38 in., complete, per dozen ..... 15.60
No. 667. 2⅝x36 in., complete, per dozen ..... 14.40

**XX Quality. Regular irons.**

No. 668. 3 x40 in., complete, per dozen ..... $17.25
No. 669. 3 x38 in., complete, per dozen ..... 16.75
No. 670. 3 x36 in., complete, per dozen ..... 13.50
No. 671. 2¾x38 in. complete, per dozen ..... 11.10
No. 672. 2⅝x36 in., complete, per dozen ..... 10.50



**XX Quality. Regular irons, pull over.**

No. 673. 3 x40 in., complete, weight 102 lbs., per dozen ..... $14.25
No. 674. 3 x38 in., complete, weight 84 lbs., per dozen ..... 13.50
No. 675. 3 x36 in., complete, weight 78 lbs., per dozen ..... 11.10
No. 676. 2¾x38 in., complete, weight 70 lbs., per dozen ..... 10.50
No. 677. 2⅝x36 in., complete, weight 66 lbs., per dozen ..... 9.60

## Reinforced Wagon Singletree

Full length of Singletrees 2 inches longer than wood lengths given.

No. 678. 3x36 in., complete, per dozen ..... $14.25

## WROUGHT EVENER IRONS

Per Doz.

No. 679. Evener Clevis, hand forged, Lumbermen's Heavy, ¾ in. iron.....$ 6.50

Fig. 1

Fig. 2.

No. 680. (Fig. 1) Evener Staple, hand forged, heavy, 7/16 in. shank.....$ 8.00
No. 681. (Fig. 2) Evener Staple, hand forged, extra heavy, ½ in. shank..... 8.00

## WROUGHT WHIFFLETREE IRONS

Fig. 3

Fig. 4

No. 682. (Fig. 3) ¾ in. Wrought Center Clips, with ⅝ in. ring.....$ 4.00
No. 683. (Fig. 3) ⅝ in. Wrought Center Clips, with 9/16 in. ring..... 3.00
No. 684. (Fig. 3) 9/16 in. Wrought Center Clips, with ½ in. ring..... 2.70

## LUMBERMEN'S HAND-FORGED END IRONS

No. 685. (Fig. 4) Ferrule 1¾ in., small end, Hook ½ in. iron.....$ 4.00
No. 686. (Fig. 4) Ferrule, 1½ in., small end, Hook 7/16 in. iron..... 3.75
No. 687. (Fig. 4) Ferrule 1⅜ in. small end, Hook ⅜ in. iron..... 3.60

**We make a specialty of Extra Heavy Irons for Lumbermen.**

## WHIFFLETREE ENDS—MALLEABLE FERRULE, WROUGHT HOOK

Fig. 1

Fig. 2

### To Pull Over the Ferrule

No. 688. (Fig. 1) Ferrule 1¾ in. small end, Hook $\frac{7}{16}$ in. iron, per dozen....$ 2.20
No. 689. (Fig. 1) Ferrule 1½ in. small end, Hook $\frac{7}{16}$ in. iron, per dozen.... 1.80
No. 690. (Fig. 1) Ferrule 1⅜ in. small end, Hook ⅜ in. iron, per dozen.... 1.50

### To Pull From the Ferrule

No. 691. (Fig. 2) Ferrule 1¾ in. small end, Hook $\frac{7}{16}$ in. iron, per dozen....$ 2.60
No. 692. (Fig. 2) Ferrule 1½ in., small end, Hook $\frac{7}{16}$ in. iron, per dozen.... 2.20
No. 693. (Fig. 2) Ferrule 1⅜ in. small end, Hook ⅜ in. iron, per dozen.... 1.80

## NECK-YOKE IRONS

Fig. 3

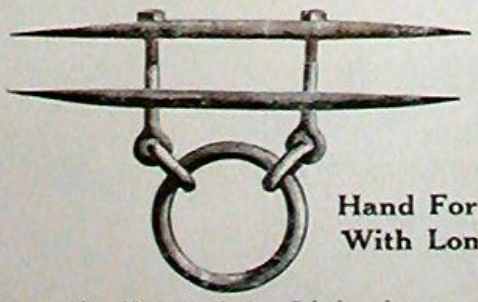
Fig. 4

### Ends—Malleable Ferrule—Wrought Iron Rings

No. 694. (Fig. 3) Ferrule 1¾ in. small end, Ring 3¼x$\frac{7}{16}$ in., per dozen.....$ 2.10
No. 695. (Fig. 3) Ferrule 1½ in. small end, Ring 3 x$\frac{7}{16}$ in., per dozen..... 1.75
No. 696. (Fig. 3) Ferrule 1⅜ in. small end, Ring 3 x⅜ in., per dozen..... 1.50

## CENTER IRONS WITH SHORT PLATES

No. 697. (Fig. 4) 3½x⅝ in. Ring, ½ in. Eyes, $\frac{7}{16}$ in. Links, per dozen.....$ 4.80
No. 698. (Fig. 4) 3¼x$\frac{9}{16}$ in. Ring, $\frac{7}{16}$ in. Eyes, ⅜ in. Links, per dozen..... 4.00

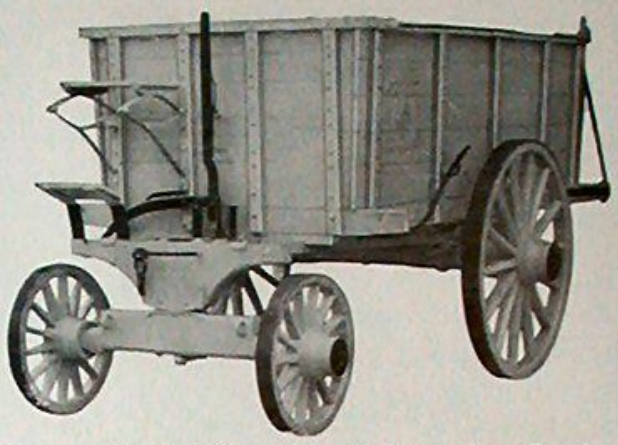


**Hand Forged Center Irons With Long Plates**

Per Doz.

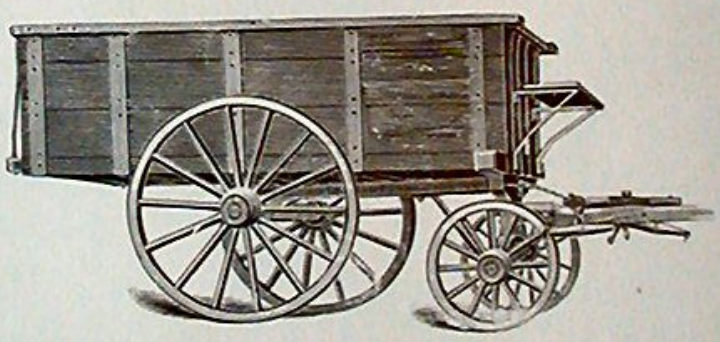
No. 699. 3½x⅝ in. Ring, ½ in. Eyes, $\frac{7}{16}$ in. Links, heavy, long plates.....$10.00
No. 700. 3¼x$\frac{9}{16}$ in. Ring, $\frac{7}{16}$ in. Eyes, ⅜ in. Links, heavy, long plates..... 9.00

## DUMP CARTS



**Dump Cart With Patent Dumping Device**

No. 701. This cart is built extra strong. It has a spring seat, steel skeins in the rear and front and is equipped with patent dumping and discharging devices. One of these carts will do the same amount of work as two of the old style and save the cost of a man and team. Size of wheels, rear, 4 ft. 7 in.; front, 2 ft. 6 in. Size of tires, rear, 4x⅝ in.; front, 3x½ in. Size of steel skeins, rear, 4½x13 in.; front, 3½x11 in. Weight of cart, 2,500 lbs.. Capacity one cord when dumped loose Top of box stands 7 ft. from the ground at highest point.



**Two-Horse, Four-Wheel Dump Cart**

Size of wheels, rear, 4 ft. 7 in.; front, 2 ft. 6 in. Size of tires, rear, 4x½ in.; front 3x½ in. Size of skeins, rear, 4½x13 in.; front, 3½x11 in.

No. 702. **Standard Size.** Weight 1,900 lbs. Capacity, ¾ cord when dumped loose. Top of box is 6 ft. from the ground.

No. 703. **Extra Large Size.** Weight 2,100 lbs. Capacity 1 cord when dumped loose. Top of box is 6½ ft. from the ground. This cart is built extra strong and has heavy iron trusses on top.

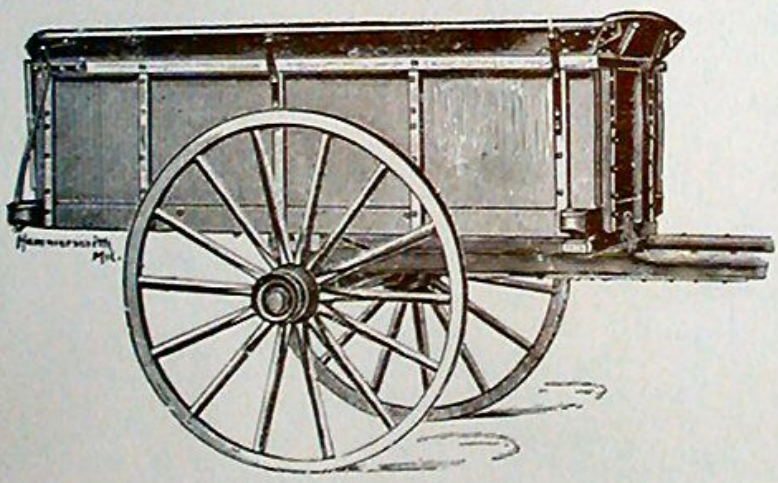
**Prices on Application**

ORDER BY NUMBER

## DUMP CARTS

**One-Horse, Four-Wheel Dump Cart**

No. 704. Size of wheels, rear, 4 ft. 6 in.; front, 2 ft. 6 in. Size of tires, rear, 3x½ in.; front, 3x⅜ in. Size of skeins, rear, 3¾x11 in.; front, 3x9 in. Weight, 1,300 lbs. Capacity, ½ cord when dumped loose. Top of box stands 5 ft. from the ground.



**One-Horse, Two-Wheel Dump Cart**

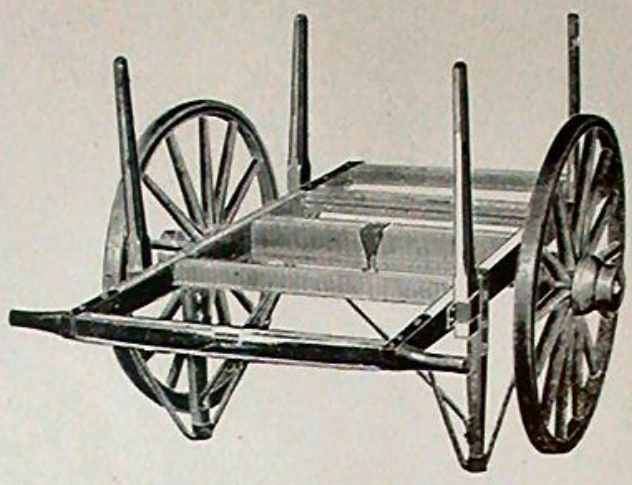
No. 705. Size of wheels, 4 ft. 6 in.; Tires, 3x½ in.; Skeins, 3¾x 11in. Weight, 1,000 lbs. Capacity, ½ cord. Round edge tires. Top of box stands 5 ft. from the ground.

Our Dump Carts are built with round edge steel tires. Doubletrees and whiffletrees not included with carts but charged extra, except on patent Dump Cart which is furnished with extras. Can furnish runner attachments for any size Dump Cart. Our Dump Carts will please you.

**Prices on Application**

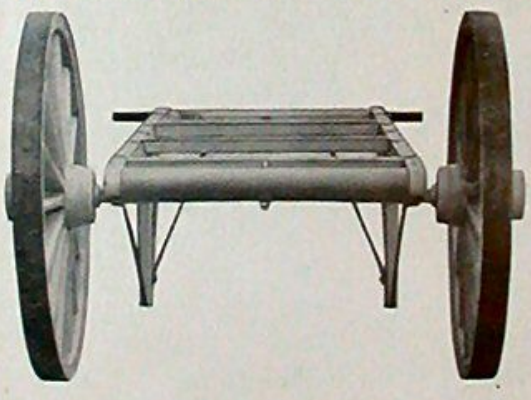
ORDER BY NUMBER

## HAND LUMBER CART WITH REMOVABLE STAKES



No. 706. Standard size frame, 34 in. wide, 7 ft. long, plated with steel. Has foot rest. Extra charge if furnished with loops and removable stakes. Wheels, 42 in. high. Tires, 3x⅜ in., round edge, bolted and clipped. Axle, in center, 1⅝ in. best steel, solid collars. Weight of cart, 350 lbs. Can also furnish with 1¾ inch axle.

## HAND LUMBER CART WITH ROLLER

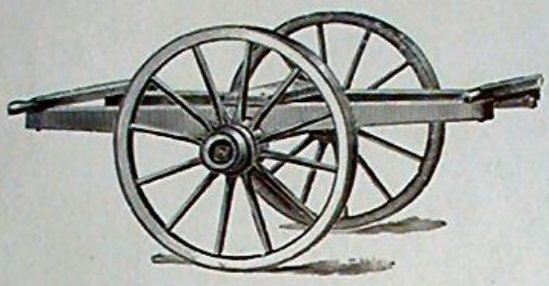


No. 707. Standard size frame, 34 in. wide, 7 ft. long, plated with steel. Made with foot rest and end roller. Wheels, 42 in. high. Tires, 3x⅜ in., round edge, bolted and clipped. Axle, 1⅝ in. best steel, solid collars. Weight of cart, 350 lbs. Can also furnish with 1¾ in. axle. In ordering, state size of tires and axle.

**Prices on Application**

ORDER BY NUMBER

## LUMBER BUGGIES AND HAUL-OFF GEARS

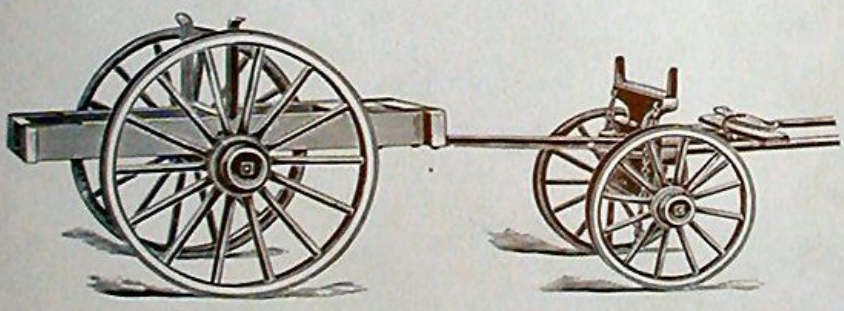


**Lumber Buggy**

No. 708. Standard size frame, 36 in. wide, 6 ft. long. Wheels, 36 in. Tires, 3x⅜in., round edge, bolted and clipped. Axles, 1⅝ in. or 1¾ in. best steel, solid collars. Weight, 275 lbs. Capacity 1,500 feet. Usually used in planing mills.

No. 709. Extra large size frame, 36 in. wide 6 ft. long, heavily ironed and extra strong. Wheels, 36 in., extra heavy and strong. Tires, 3x⅜ in. round edge. Axle, 2 in. best steel. Weight, 300 lbs. Capacity 2,000 ft. Usually used in saw mills.

Can also furnish with 4x½ in. tires and heavier wheels. All sizes of this buggy can be furnished with ⅞ in. round steel foot rest. Can also furnish with flat upright steel guards or with round steel guards.



**710. Lumber Buggy** **711. Haul-Off Gear**

No. 710. **Lumber Buggy.** Frame, 36 in. wide, 5 ft. 3 in. long; iron plated sills; steel upright guard. Wheels, 40 in. high. Tires, 3x½ in. round edge, bolted and clipped. Axles, 1¾ or 2 in., best steel, solid collars. Complete with reach attachment irons. Weight, 450 lbs.

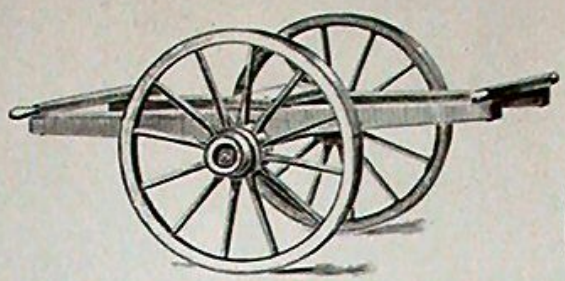
No. 711. **Haul-Off Gear, One-Horse.** Has 30 in. wheels and 3x⅜ in. steel tires, otherwise regular. Equipped with binding chains, reach attachment, and reach.

In ordering, state size of wheels, tires and axles.

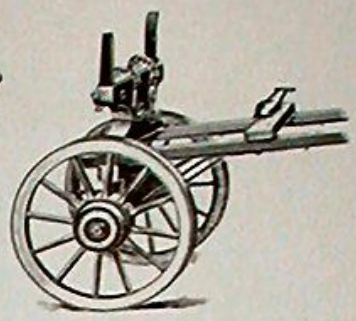
**Prices on Application**

ORDER BY NUMBER

## LUMBER BUGGIES AND HAUL-OFF GEARS

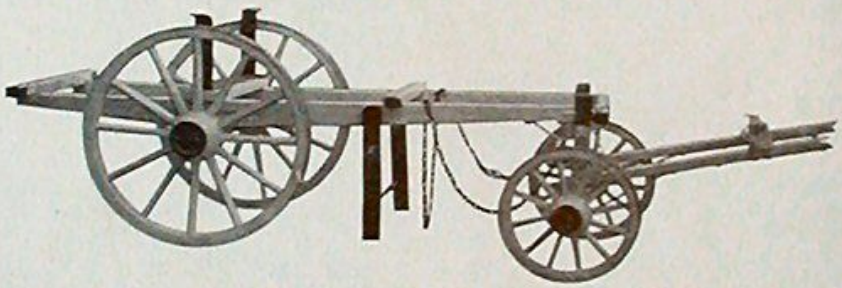


**708-709. Lumber Buggy**



**712. Haul-Off Gear**

No. 712. **Haul-Off Gear, One-Horse.** Complete with binding chain. Used in connection with our Nos. 708 and 709 Lumber Buggies. One front gear is generally used to 12 rear carts. Wheels, 24 in. high. Tires, 3x⅜ in., round edge. Axles, 1⅝ in. best steel. Weight of gear, 375 lbs. We can also furnish this haul-off gear for two horses. 4x½ in. Tires and 1¾ in. Axles extra.



**713. Lumber Buggy**

**714. Haul-Off Gear**

No. 713. **Lumber Buggy.** Frame 36 in. wide, 9 ft. long. Wheels, 40 in. high. Tires, 3x⅜ or 4x½ in., best steel, round edge. Axles, 1¾ in. Has flat upright steel guards and folding foot rest. Capacity, 1,500 to 2,000 ft. of any green lumber. Weight, 375 lbs.

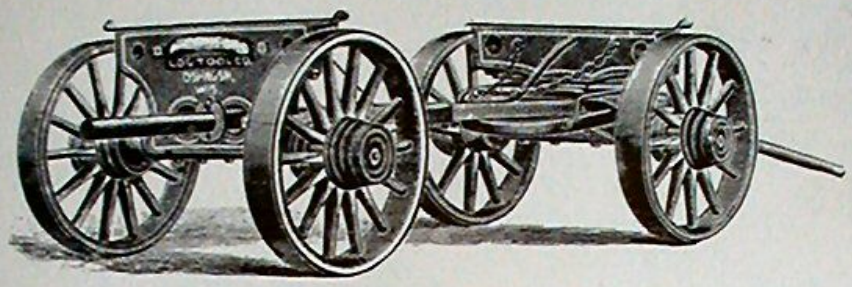
No. 715. **Haul-Off Gear, One Horse.** This front haul-off is the same as our No. 712, except its bolster is 4 in. higher. Wheels, 24 in. high. Tires, 3x⅜ in., round edge. Axles, 1⅝ in. best steel. Furnished complete with binding chain. Attaches to or detaches from No. 713 Lumber Buggy in a minute. Weight, 375 lbs.

We can also furnish any Lumber Buggy with steel wheels 3x⅜ in. or 4x½ in.

**Prices on Application**

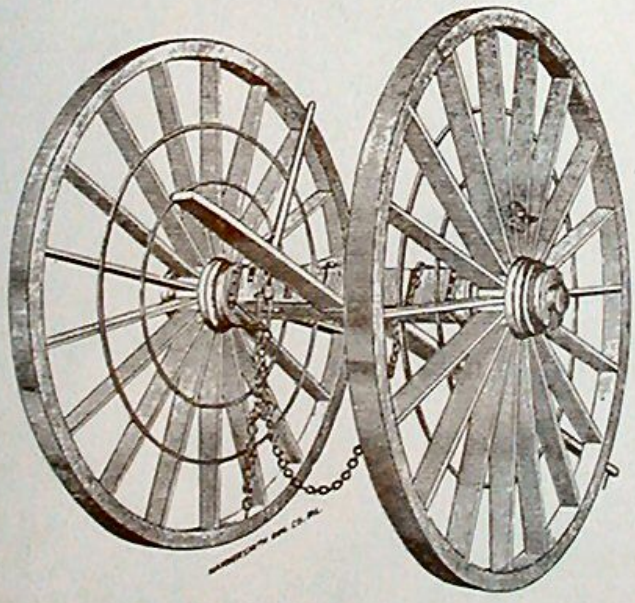
ORDER BY NUMBER

## LOG TRUCK



No. 715. Regular wheels, 3 ft. 6 in. front and rear. Cast skeins, 4½x13 or 4x12 or steel skeins same sizes. Tires, 4x½ or ⅝, 5x½ or ⅝, 6x½ or ⅝ in. round edge steel. Heavy steel trusses underneath axles run from skein to skein. Reach made of 3½ in. extra strength steel pipe. Track, 4 ft. 6 in., 5 ft. or 5 ft. 2 in., center to center of tire, or any track desired. Equipped with or without chain draft attachment. For extra heavy work we fit top of bunks with steel rails.

## LOG CART



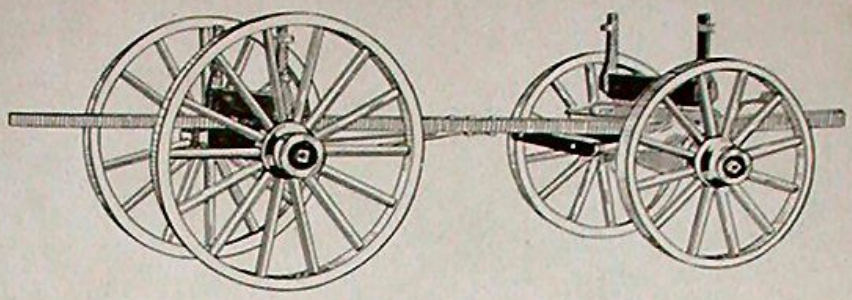
No. 716. With wheels 7 to 14 ft. high, with or without protecting circles. Built in two widths. Narrow track 4 ft. 9 in. between hubs and wide track 5 ft. 6 in. Complete with chains and reversible seat. Seat is so made that a man's weight will balance the pole and keep the weight off the horse's neck. Second growth hickory poles. 12x12 in. oak axle, spindles being on the plan of an eccentric, enabling one man to tip up the tongue to load the cart; by fastening the chains to the load and pulling pole down, the load is raised from the ground, ready to haul. Steel tires, 6x½ or 6x⅝ inches. Weight for 10 feet, 3,000 lbs.

Also furnished with Patent Hoisting Attachment.

**Prices on Application**

ORDER BY NUMBER

## TWO-HORSE MILL YARD WAGON—SLIDE REACH



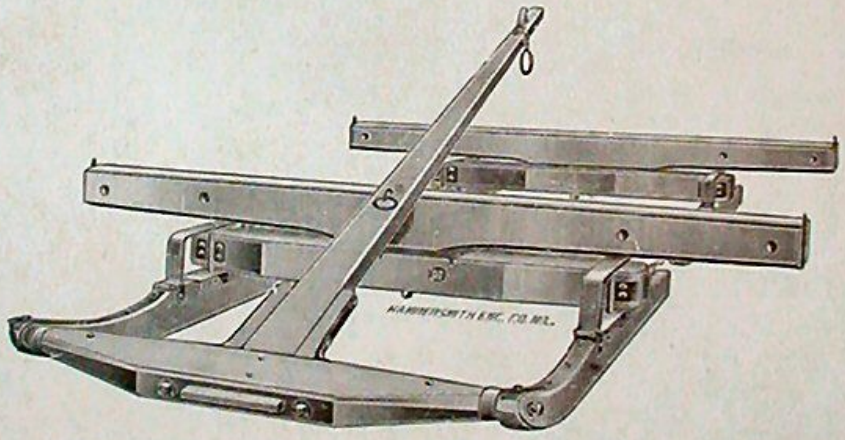
No. 717. Wheels, 3 ft. 6 in., and 4 ft. 3 in. Cast or steel skeins, 3¾x11 or 4x12 in. Tires, 3x⅝, 3x¾, 4x⅝ or 4x¾ in. round edge steel, bolted and clipped. Can furnish any size tires wanted. Weight, 1,200 lbs.

## ONE-HORSE MILL YARD WAGON

No. 718. Wheels, 3 ft. 6 in. and 4 ft. 3 in. Cast or steel skeins, 3½x11 in. or 3¾x11 in. Tires, 3x½ in. round edge steel, bolted and clipped. Can furnish any size. Built with both extension and slide reach. Weight, 1,000 lbs.

## SINGLE BEAM LOGGING SLEIGH

White oak runners fitted with concave or convex steel shoes. Sleighs furnished with cross chains or reach, but without bunks on account of the high freight. Made in three sizes, viz.:



No. 719. Runners—3 in. thick, 8 in. high and 8 ft. long.
No. 720. Runners—3½ in. thick, 9 in. high and 9 ft. long.
No. 721. Runners—4 in. thick, 9 in. high and 9 ft. long.

In ordering specify width of track from center to center of runner. Standard track is 6 ft. for 3 and 3½ in. and 7 ft. for 4 in. runners.

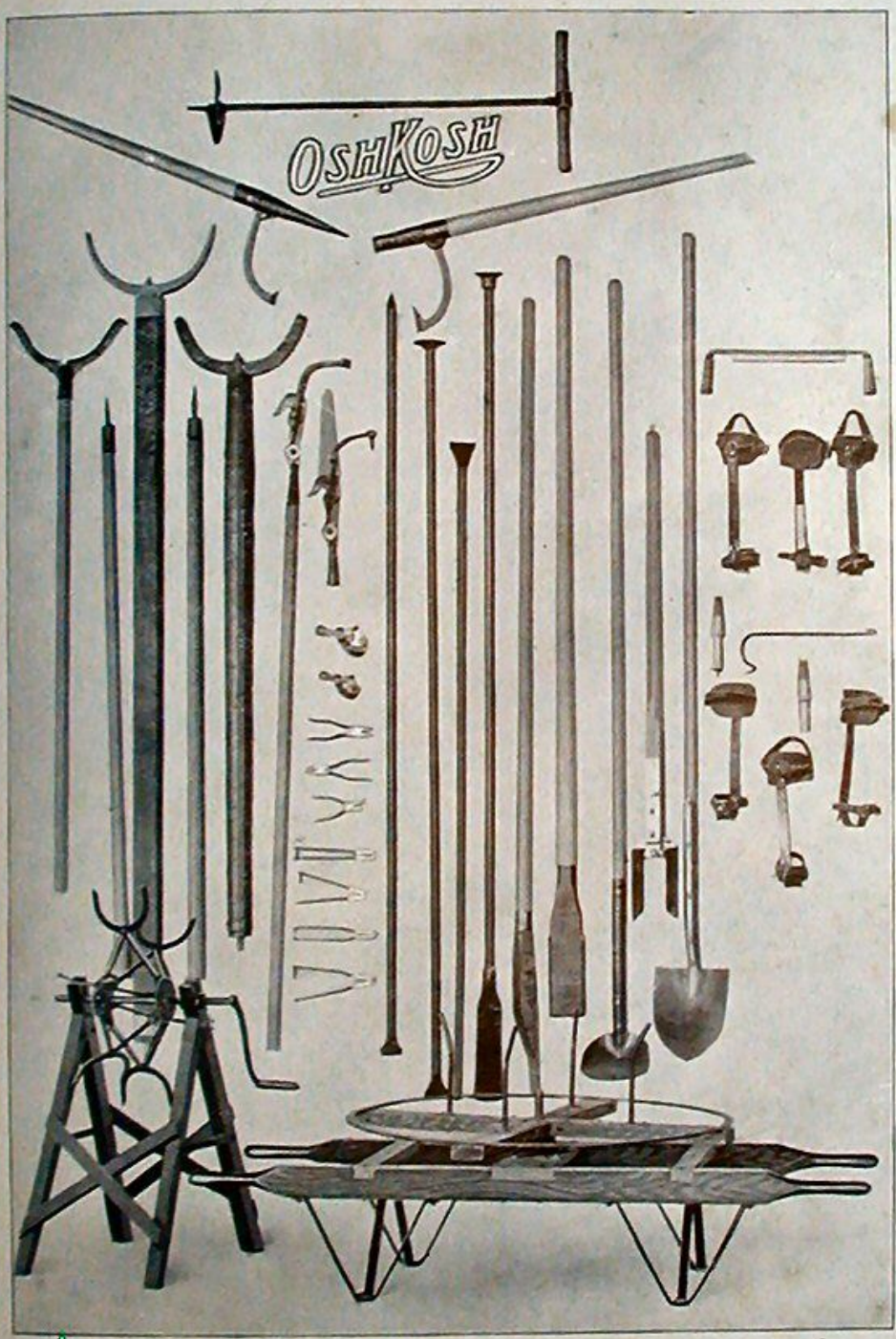
Sleds fitted with either "Sanford Ball Bearings" or "McLaren Knees."

In ordering state size of wheels, tires and axles.

**Prices on Application**

ORDER BY NUMBER

## LINE CONSTRUCTION TOOLS




We manufacture the largest and most complete line of lineman's, telephone, telegraph and railroad construction tools on the market. Send for separate catalog.

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